

State of California
The Resources Agency

DEPARTMENT OF WATER RESOURCES
Division of Operations and Maintenance

STATE WATER PROJECT OPERATIONS DATA

For the month of:
**August
2010**

Edmund G. Brown Jr.
Governor
State of California

John Laird
Secretary for Resources
The Resources Agency

Mark Cowin
Director
Department of Water Resources

This monthly report of operational data for the State Water Project has been published since January 1965. Monthly SWP Operations Data Reports from January 1990 have been made available on the Internet at <http://www.water.ca.gov/swp/operationscontrol/projectwide.cfm>. It provides the State Water Service Contractors, public agencies, consultants and others with the daily and monthly status of the Project's water and power operations.

Revisions to these data will appear in the Annual Report of Operations reflecting corrections made after the monthly summaries have been printed.

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The organization shown above represents staff and positions relevant to this report as of publication date on October 2012. It is the Department's policy to not show staff in "Acting" or "Temporary" positions.

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MONTHLY HIGHLIGHTS

The following activities highlight actions that affected State Water Project operations during August 2010:

Statewide precipitation was about 110 percent of average for the 2009 – 2010 water-year through August 31. Precipitation percentages are used in this report to express historical and regional comparisons. Additional and more specific information is available on the internet at:
[“http://cdec.water.ca.gov/snow_rain.html”](http://cdec.water.ca.gov/snow_rain.html).

Snowpack data is compiled four times annually, for the months of January, February, March, and April, by the California Department of Water Resources in Bulletin 120. The Bulletin also contains forecasts of seasonal runoff volume from the state's major watersheds, summaries of precipitation, and reservoir storages in various regions of the State.

August snowpack data is not available.

Cumulative unimpaired runoff for the Sacramento River Region for the 2009 – 2010 water-year was 15.6 maf, 85 percent of average. Statewide runoff for the 2009 – 2010 water-year was 90 percent of average.

Statewide reservoir storage was 105 percent of average to date. Total storage in major SWP reservoirs at the end of August was about 3.07 maf compared to 2.27 maf at this time in 2009. On August 31, end-of-month storage at Lake Oroville was about 2.04 maf, as compared to 1.38 maf at this time in 2009. The State share of San Luis Reservoir's end-of-month storage was about 473 taf, as compared with 374 taf at this time in 2009. The combined storage in SWP's southern reservoirs was about 557 taf, compared with about 514 taf at this time in 2009.

SWP water deliveries to date through August were about 2.31 maf. Water deliveries are a combination of project, transfer, and exchange classifications. Total deliveries through this same period in 2009 were 1.77 maf.

Conditions in the Delta remained “Balanced” throughout the month of August. “Balanced” conditions exist when the DWR and the USBR agree that releases from upstream reservoirs plus unregulated flow approximately equal the water supply needed to meet Sacramento Valley.

On August 9, 2010, DWR headquarters notified the Southern Field Division to discontinue the Inland Feeder flow testing at Devil Canyon Afterbay due to logistical problems between DWR and MWD. The Afterbay was approaching absolute maximum storage (elevation 1929.5 feet). The Plant Operator invoked jurisdictional control to bring the Afterbay to normal stage.

On August 20, 2010, Warne Generation Plant was limited to Unit No. 2 at 540 cfs and Unit No. 1 in condensed mode from 0700 to 1000 hours to allow a Remote Operating Vehicle to perform inspection in the Lower Quail canal near the Peace Valley Pipeline inlet.

Table 1. Antelope Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 22,566 ac-ft

August 2010

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	Water Supply Contract	Water Right					
Jul 31	5000.23	20,956									
1	5000.16	20,894	-62	20	0	0	0	10	30	-1	
2	5000.09	20,832	-62	20	0	0	0	10	30	-1	
3	5000.02	20,770	-62	20	0	0	0	10	30	-1	
4	4999.96	20,709	-61	20	0	0	0	10	30	-1	
5	4999.90	20,656	-53	20	0	0	0	10	30	3	
6	4999.84	20,603	-53	20	0	0	0	10	30	3	
7	4999.78	20,550	-53	20	0	0	0	10	30	3	
8	4999.72	20,497	-53	20	0	0	0	10	30	3	
9	4999.66	20,444	-53	20	0	0	0	10	30	3	
10	4999.60	20,391	-53	20	0	0	0	10	30	3	
11	4999.52	20,321	-70	20	0	0	0	10	30	-5	
12	4999.46	20,269	-52	20	0	0	0	10	30	4	
13	4999.40	20,216	-53	20	0	0	0	10	30	3	
14	4999.30	20,129	-87	20	0	0	0	10	30	-14	
15	4999.34	20,164	35	20	0	0	0	10	30	48	
16	4999.22	20,059	-105	20	0	0	0	9	29	-24	
17	4999.15	19,998	-61	20	0	0	0	9	29	-2	
18	4999.08	19,938	-60	20	0	0	0	9	29	-1	
19	4999.02	19,886	-52	20	0	0	0	9	29	3	
20	4998.95	19,825	-61	20	0	0	0	9	29	-2	
21	4998.88	19,765	-60	20	0	0	0	9	29	-1	
22	4998.81	19,704	-61	20	0	0	0	9	29	-2	
23	4998.74	19,644	-60	20	0	0	0	9	29	-1	
24	4998.68	19,592	-52	20	0	0	0	9	29	3	
25	4998.62	19,541	-51	20	0	0	0	9	29	3	
26	4998.56	19,490	-51	20	0	0	0	9	29	3	
27	4998.48	19,421	-69	20	0	0	0	9	29	-6	
28	4998.42	19,370	-51	20	0	0	0	9	29	3	
29	4998.36	19,319	-51	20	0	0	0	9	29	3	
30	4998.32	19,285	-34	20	0	0	0	9	29	12	
31	4998.26	19,234	-51	20	0	0	0	9	29	3	
Total cfs-days				---	620	0	0	0	294	914	46
Total ac-ft				-1,722	1,230	0	0	0	584	1,814	92

Table 2. Frenchman Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 55,477 ac-ft

August 2010

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	1/ Water Supply Contract	Water Right					
Jul 31	5564.75	25,900									
1	5564.70	25,851	-49	2	7	0	0	8	17	-8	
2	5564.65	25,802	-49	2	11	0	0	8	21	-4	
3	5564.63	25,782	-20	2	11	0	0	8	21	11	
4	5564.51	25,664	-118	2	27	0	0	8	37	-22	
5	5564.42	25,577	-87	2	39	0	0	8	49	5	
6	5564.32	25,479	-98	2	37	0	0	7	46	-3	
7	5564.25	25,411	-68	2	37	0	0	7	46	12	
8	5564.15	25,314	-97	2	37	0	0	7	46	-3	
9	5564.02	25,188	-126	2	39	0	0	7	48	-16	
10	5563.90	25,072	-116	2	35	0	0	7	44	-14	
11	5563.82	24,995	-77	2	27	0	0	7	36	-3	
12	5563.75	24,927	-68	2	24	0	0	7	33	-1	
13	5563.69	24,870	-57	2	21	0	0	7	30	1	
14	5563.53	24,716	-154	2	19	0	0	7	28	-50	
15	5563.61	24,793	77	2	19	0	0	7	28	67	
16	5563.44	24,630	-163	2	34	0	0	7	43	-39	
17	5563.31	24,506	-124	2	51	0	0	7	60	-3	
18	5563.13	24,335	-171	2	56	0	0	7	65	-21	
19	5562.99	24,202	-133	2	51	0	0	7	60	-7	
20	5562.88	24,099	-103	2	43	0	0	7	52	0	
21	5562.74	23,967	-132	2	31	0	0	7	40	-27	
22	5562.67	23,901	-66	2	24	0	0	7	33	0	
23	5562.59	23,826	-75	2	24	0	0	7	33	-5	
24	5562.52	23,760	-66	2	24	0	0	7	33	0	
25	5562.45	23,695	-65	2	20	0	0	7	29	-4	
26	5562.37	23,620	-75	2	19	0	0	7	28	-10	
27	5562.30	23,555	-65	2	25	0	0	7	34	1	
28	5562.20	23,462	-93	2	29	0	0	7	38	-9	
29	5562.14	23,406	-56	2	29	0	0	7	38	10	
30	5562.02	23,295	-111	2	31	0	0	7	40	-16	
31	5561.97	23,249	-46	2	27	0	0	7	36	13	
Total cfs-days				---	62	908	0	0	222	1,192	
Total ac-ft				-2,651	123	1,801	0	0	441	2,365	
										-286	

1/ Last Chance Creek Water District.

Table 3. Lake Davis

Daily Operation

(in acre-feet except as noted)

Capacity: 84,371 ac-ft

August 2010

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow in cfs						Computed Inflow (cfs)	
				Regulated Release			Spill	Estimated Evaporation And Seepage	Total Outflow		
				Stream-flow Maint.	Water Right 1/	Water Supply Contract 2/					
Jul 31	5766.52	53,937									
1	5766.50	53,874	-63	6	4	1.0	0	32	43	11	
2	5766.48	53,811	-63	6	4	1.0	0	32	43	11	
3	5766.46	53,749	-62	6	4	1.0	0	32	43	12	
4	5766.40	53,561	-188	6	4	1.0	0	32	43	-52	
5	5766.39	53,529	-32	6	4	1.0	0	32	43	27	
6	5766.36	53,436	-93	6	4	1.0	0	32	43	-4	
7	5766.32	53,311	-125	6	4	1.0	0	32	43	-20	
8	5766.33	53,342	31	6	4	1.0	0	32	43	59	
9	5766.27	53,155	-187	6	4	1.0	0	32	43	-51	
10	5766.25	53,093	-62	6	4	1.0	0	32	43	12	
11	5766.21	52,968	-125	6	4	1.0	0	32	43	-20	
12	5766.17	52,844	-124	6	4	1.0	0	32	43	-20	
13	5766.14	52,751	-93	6	4	1.0	0	32	43	-4	
14	5766.09	52,596	-155	6	4	1.0	0	32	43	-35	
15	5766.12	52,689	93	6	4	1.0	0	32	43	90	
16	5766.06	52,503	-186	6	4	1.0	0	32	43	-51	
17	5766.02	52,380	-123	6	4	1.0	0	32	43	-19	
18	5765.99	52,287	-93	6	4	1.0	0	32	43	-4	
19	5765.96	52,195	-92	6	4	1.0	0	32	43	-3	
20	5765.93	52,102	-93	6	4	1.0	0	32	43	-4	
21	5765.88	51,949	-153	6	4	1.0	0	32	43	-34	
22	5765.86	51,887	-62	6	4	1.0	0	32	43	12	
23	5765.82	51,764	-123	6	4	1.0	0	32	43	-19	
24	5765.80	51,703	-61	8	2	1.0	0	32	43	12	
25	5765.78	51,642	-61	6	4	1.0	0	32	43	12	
26	5765.73	51,489	-153	6	4	1.0	0	32	43	-34	
27	5765.70	51,397	-92	8	2	1.0	0	31	42	-4	
28	5765.68	51,337	-60	8	2	1.0	0	31	42	12	
29	5765.68	51,337	0	8	2	1.0	0	31	42	42	
30	5765.66	51,275	-62	8	2	1.0	0	31	42	11	
31	5765.64	51,215	-60	8	2	1.0	0	31	42	12	
Total cfs-days				---	186	124	31	0	987	1,328	
Total ac-ft				-2,722	369	246	61	0	1,958	2,634	

1/ Includes unclassified non-project diversions to local agencies (Valberti and Romelli).

2/ Includes 55 AF to Grizzly Ranch and 0 AF to Plumas County.

Table 4. Lake Oroville

Daily Operation

(in acre-feet except as noted)

Capacity: 3,537,580 ac-ft

August 2010

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Outflow							Inflow	
				Hyatt Powerplant Generation 1/	Palermo Canal 2/	Lime Saddle Marina	Butte County Del Oro	Evaporation 3/	Spill	Total Outflow	Hyatt Powerplant Pumpback	Computed Inflow 4/
Jul 31	818.53	2,407,823										
	1	817.51	2,395,560	-12,263	18,216	26	0	0	358	0	18,600	0
	2	816.51	2,383,579	-11,981	18,185	26	0	0	307	0	18,518	0
	3	815.52	2,371,759	-11,820	18,258	26	0	0	360	0	18,644	0
	4	814.85	2,363,783	-7,976	14,190	26	0	0	328	0	14,544	0
	5	813.83	2,351,675	-12,108	18,100	26	0	0	312	0	18,438	0
	6	813.00	2,341,855	-9,820	18,154	26	0	0	227	0	18,407	0
	7	811.74	2,327,001	-14,854	18,229	26	0	0	256	0	18,511	0
	8	810.63	2,313,970	-13,031	18,191	26	0	0	256	0	18,473	0
	9	809.73	2,303,441	-10,529	18,305	26	0	0	255	0	18,586	0
	10	808.84	2,293,062	-10,379	14,571	26	0	0	261	0	14,858	0
	11	808.02	2,283,529	-9,533	15,161	26	0	0	261	0	15,448	0
	12	806.94	2,271,015	-12,514	16,033	26	0	0	216	0	16,275	0
	13	806.18	2,262,237	-8,778	15,739	26	0	0	252	0	16,017	0
	14	805.20	2,250,954	-11,283	15,786	26	0	0	258	0	16,070	0
	15	804.30	2,240,627	-10,327	15,293	26	0	0	243	0	15,562	0
	16	803.47	2,231,132	-9,495	16,587	26	0	0	242	0	16,855	0
	17	802.49	2,219,957	-11,175	16,588	26	0	0	277	0	16,891	0
	18	801.21	2,205,421	-14,536	18,259	26	0	0	306	0	18,591	0
	19	800.39	2,196,144	-9,277	15,207	26	0	0	276	0	15,509	0
	20	799.24	2,183,180	-12,964	18,397	26	0	0	281	0	18,704	0
	21	797.99	2,169,150	-14,030	17,785	26	0	0	295	0	18,106	0
	22	796.74	2,155,183	-13,967	18,447	26	0	0	237	0	18,710	0
	23	795.70	2,143,612	-11,571	18,580	26	0	0	214	0	18,820	0
	24	794.41	2,129,320	-14,292	18,653	26	0	1	320	0	19,000	0
	25	793.11	2,114,985	-14,335	18,652	26	0	1	432	0	19,111	0
	26	791.92	2,101,924	-13,061	18,747	26	0	1	338	0	19,112	0
	27	790.91	2,090,883	-11,041	17,449	26	0	1	287	0	17,763	0
	28	789.77	2,078,470	-12,413	16,477	26	0	1	216	0	16,720	0
	29	788.59	2,065,678	-12,792	17,161	26	0	1	111	0	17,299	0
	30	787.35	2,052,295	-13,383	17,497	26	0	1	194	0	17,718	0
	31	786.18	2,039,725	-12,570	17,145	26	1	1	213	0	17,386	0
Total				-368,098	534,042	810	1	8	8,389	0	543,246	0
												175,148

1/ Includes bypass flows

2/ South Feather Water and Power Agency

3/ Evaporation will be zero for days when there is precipitation or heavy overcast.

4/ Does not include pumpback.

**Table 5. Thermalito Forebay
Including Diversion Pool and Power Canal**

Daily Operation

(in acre-feet except as noted)

August 2010

Capacity: 25,120 ac-ft

Date	Storage 1/	Storage Change	Inflow			Outflow					Losses (-) And Gains (+)
			Lake Oroville Releases 2/	Kelly Ridge Generation	Thermalito Pumping- Generating Plant Pumpback	Thermalito Pumping- Generating Plant Generation 3/	Butte County Cal Water	Thermalito Irrigation District	Releases To River 4/	Hyatt Powerplant Pumpback	
Jul 31	23,723										
1	23,606	-117	18,216	486	0	17,503	9	9	1,339	0	41
2	23,825	219	18,185	465	0	17,271	9	9	1,341	0	199
3	24,013	188	18,258	451	0	17,218	9	9	1,345	0	60
4	24,097	84	14,190	426	0	13,143	9	9	1,345	0	-26
5	24,209	112	18,100	445	0	17,238	9	9	1,355	0	178
6	24,293	84	18,154	426	0	17,346	9	9	1,359	0	227
7	24,262	-31	18,229	455	0	17,480	9	9	1,359	0	142
8	24,001	-261	18,191	466	0	17,748	9	9	1,357	0	205
9	24,203	202	18,305	446	0	17,438	9	9	1,359	0	266
10	24,265	62	14,571	481	0	14,672	9	9	1,355	0	1,055
11	23,992	-273	15,161	425	0	15,339	9	9	1,359	0	857
12	23,803	-189	16,033	446	0	15,208	9	9	1,353	0	-89
13	24,241	438	15,739	466	0	14,362	9	9	1,531	0	144
14	24,288	47	15,786	423	0	14,884	9	9	1,502	0	242
15	24,028	-260	15,293	420	0	14,893	9	9	1,379	0	317
16	24,131	103	16,587	464	0	15,852	9	10	1,381	0	304
17	23,843	-288	16,588	486	0	16,302	9	10	1,377	0	336
18	24,020	177	18,259	486	0	17,486	8	10	1,379	0	315
19	24,167	147	15,207	405	0	14,133	8	10	1,379	0	65
20	23,902	-265	18,397	473	0	17,802	8	10	1,379	0	64
21	24,200	298	17,785	486	0	16,938	8	10	1,379	0	362
22	24,200	0	18,447	446	0	17,859	8	10	1,388	0	372
23	24,107	-93	18,580	421	0	17,942	8	10	1,384	0	250
24	23,995	-112	18,653	420	0	18,081	8	10	1,379	0	293
25	23,806	-189	18,652	466	0	18,216	8	10	1,377	0	304
26	24,347	541	18,747	425	0	17,673	8	10	1,381	0	441
27	24,138	-209	17,449	426	0	16,959	8	10	1,384	0	277
28	24,238	100	16,477	485	0	15,580	8	10	1,379	0	115
29	24,160	-78	17,161	425	0	16,260	8	10	1,381	0	-5
30	24,135	-25	17,497	425	0	16,958	8	10	1,379	0	408
31	24,157	22	17,145	486	0	16,630	8	10	1,379	0	418
Total		434	534,042	13,952	0	512,414	265	295	42,723	0	8,137

1/ Sum of Thermalito Forebay and Diversion Pool.

3/ Includes Bypass flows at Thermalito.

2/ Sum of releases from Lake Oroville through Hyatt plant, and spill.

4/ The sum of the flows from fish barrier dam and the fish hatchery.

Table 6. Thermalito Afterbay

Daily Operation

(in acre-feet except as noted)

Capacity: 57,040 ac-ft

August 2010

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow					Losses (-) and Gains (+)	Total Releases to River 2/	
				Thermalito Pumping-Generating Plant Generation 1/	Sutter Butte Canal	Western Canal Lateral	Richvale Canal	Western Canal	Afterbay River Outlet	Thermalito Pumping-Generating Plant Pumpback			
Jul 31	133.29	43,951											
	133.54	44,917	966	17,503	2,817	26	714	1,936	9,738.99	0	-1,306.00	11,078	
	133.74	45,697	780	17,271	2,777	24	714	1,896	9,738.99	0	-1,341.00	11,080	
	134.01	46,760	1,063	17,218	2,717	24	712	1,861	9,738.99	0	-1,103.00	11,084	
	133.32	44,066	-2,694	13,143	2,717	24	714	1,849	9,738.99	0	-794.01	11,084	
	133.57	45,034	968	17,238	2,717	24	710	1,829	9,738.99	0	-1,251.00	11,094	
	133.86	46,168	1,134	17,346	2,717	26	700	1,769	9,738.99	0	-1,261.00	11,098	
	134.22	47,592	1,424	17,480	2,737	28	700	1,730	9,738.99	0	-1,123.00	11,098	
	134.59	49,073	1,481	17,748	2,737	28	694	1,732	9,738.99	0	-1,338.00	11,096	
	134.97	50,617	1,544	17,438	2,717	28	682	1,720	9,738.99	0	-1,008.00	11,098	
	134.50	48,711	-1,906	14,672	2,717	28	674	1,702	9,738.99	0	-1,718.00	11,094	
	134.21	47,552	-1,159	15,339	2,698	28	655	1,714	10,334.04	0	-1,070.00	11,693	
	133.85	46,129	-1,423	15,208	2,698	28	651	1,732	10,730.74	0	-793.00	12,084	
	133.32	44,066	-2,063	14,362	2,698	28	655	1,730	10,591.89	0	-723.00	12,123	
	132.81	42,123	-1,943	14,884	2,698	28	649	1,724	10,611.73	0	-1,117.02	12,114	
	132.24	39,999	-2,124	14,893	2,698	28	655	1,696	10,750.57	0	-1,190.00	12,130	
	131.85	38,575	-1,424	15,852	2,698	28	595	1,670	11,345.62	0	-940.00	12,727	
	131.47	37,211	-1,364	16,302	2,698	28	635	1,660	11,742.32	0	-903.00	13,119	
	131.33	36,714	-497	17,486	2,698	28	635	1,644	11,722.49	0	-1,256.00	13,101	
	130.38	33,426	-3,288	14,133	2,678	26	635	1,642	11,722.49	0	-718.00	13,101	
	130.55	34,004	578	17,802	2,678	28	630	1,644	11,405.13	0	-839.00	12,784	
	130.59	34,140	136	16,938	2,658	28	610	1,642	10,730.74	0	-1,134.00	12,110	
	130.90	35,208	1,068	17,859	2,638	28	603	1,642	10,730.74	0	-1,149.00	12,119	
	131.28	36,538	1,330	17,942	2,618	28	575	1,621	10,750.57	0	-1,020.00	12,135	
	131.68	37,962	1,424	18,081	2,559	30	595	1,595	10,750.57	0	-1,128.01	12,130	
	132.17	39,741	1,779	18,216	2,539	30	532	1,583	10,731.00	0	-1,023.00	12,108	
	132.48	40,887	1,146	17,673	2,539	30	532	1,585	10,751.00	0	-1,091.00	12,132	
	132.72	41,784	897	16,959	2,539	30	534	1,547	10,751.00	0	-662.00	12,135	
	132.55	41,148	-636	15,580	2,499	30	526	1,492	10,751.00	0	-919.00	12,130	
	132.64	41,484	336	16,260	2,479	30	522	1,474	10,750.57	0	-669.00	12,132	
	132.84	42,236	752	16,958	2,539	32	508	1,442	10,730.74	0	-955.00	12,110	
	132.96	42,690	454	16,630	2,579	28	488	1,408	10,730.74	0	-943.00	12,110	
Total				-1,261	512,414	82,490	860	19,430	51,910	326,510	0	-32,475	369,228

1/ Includes Bypass flows at Thermalito.

2/ The sum of the flows from the fish barrier dam, fish hatchery, and afterbay river outlet.

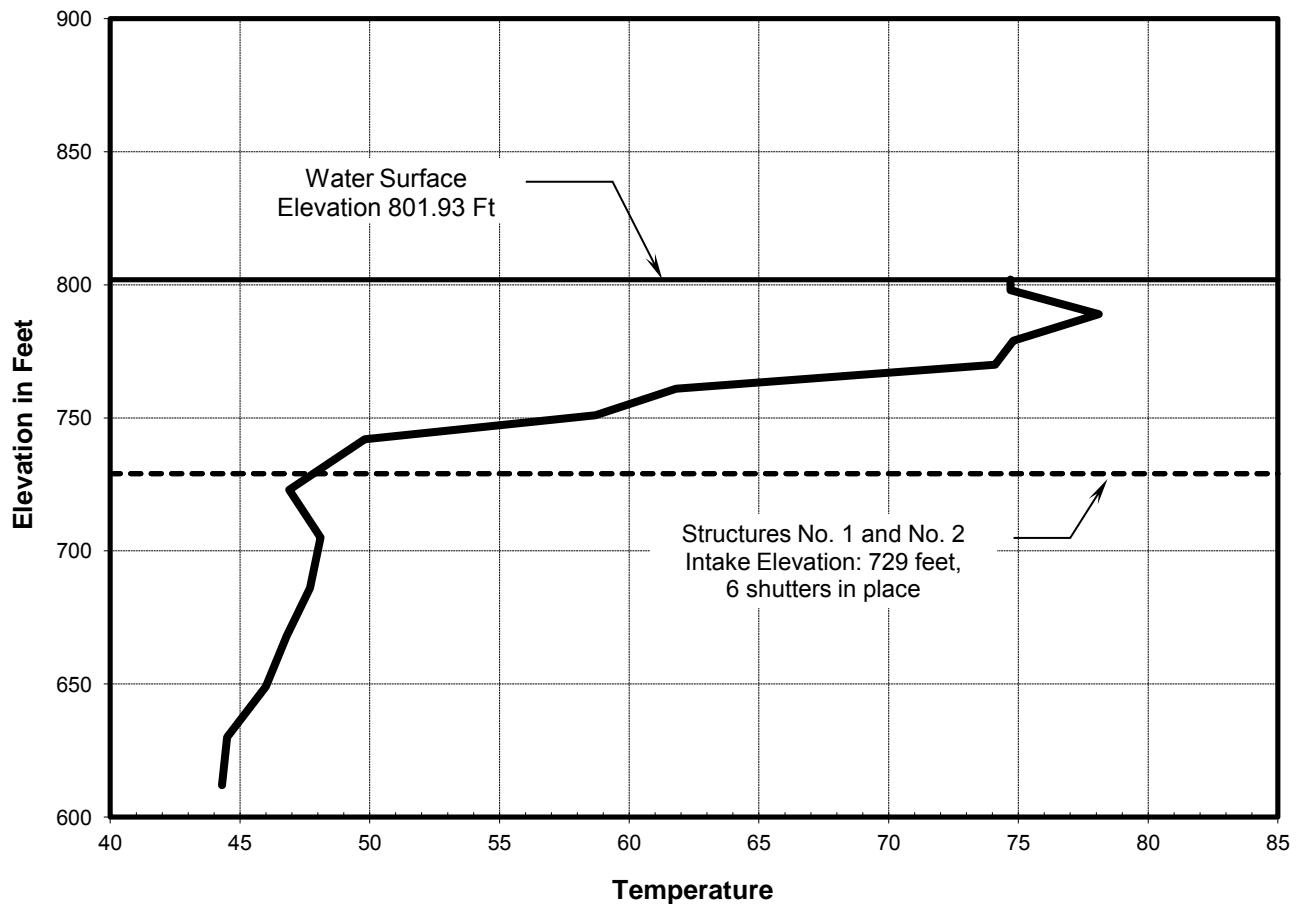
Table 7. Oroville-Thermalito Complex

Water Temperature Data

(in degrees Fahrenheit)

August 2010

Date	Mean Daily Temperature	
	Thermalito Afterbay Outlet	Fish Hatchery
1	63.7	59
2	63.5	60
3	64.2	60
4	63.9	60
5	64.1	60
6	64.7	59
7	64.4	59
8	64.1	59
9	64.4	60
10	63.6	60
11	63.3	60
12	65.1	61
13	65.1	61
14	65	56
15	65.5	56
16	66.1	56
17	63.8	56
18	61.7	57
19	61.6	57
20	61.3	58
21	60.5	58
22	60.7	59
23	61.8	60
24	62.3	60
25	63.4	60
26	63.4	57
27	63.9	57
28	62.3	56
29	61.2	57
30	60.2	58
31	61	56

**Lake Oroville Temperature Profile
on August 18, 2010**

Note: Water surface elevations on Table 4 are taken at Oroville Dam at midnight and may differ slightly from those shown on this table which are normally taken at mid-day and upstream from Oroville Dam.

Table 8. North Bay Aqueduct
Delta Field Division, Monthly Deliveries

(In acre-feet)

August 2010

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Structure			Table A	Permit	Article 56C	Pool B	Other	
	No.	Structure	Mile								
1	1	Barker Slough Pumping Plant	0.17	(Into the North Bay Aqueduct)	6,434	348	140	204	2,316	17	
		Travis Surge Tank	8.78								
			8.80	Solano County Water Agency Travis AFB	348						
			10.54	Solano County Water Agency Fairfield / Vacaville 24"	344						
				Solano County Water Agency Fairfield / Vacaville 42"	2,316						
			17.00	Solano County Water Agency Central Solano	Stub						
2	3A	Cordelia Forebay	21.23			1/ 544	183	7	1,000	2/ 1,000	
		Cordelia Pumping Plant & Cordelia Spillway	21.30		3,354						
3B	2	Napa Pipeline	21.33	Solano County Water Agency Vallejo	561	1,193	130	3/ 200	80	80	
				Solano County Water Agency Benicia	1,183						
		Cordelia Surge Tank	23.33								
		Creston Surge Tank Connection	25.65								
			26.95	Napa County Flood Control & WCD American Canyon 2	7						
			27.27	Napa County Flood Control & WCD American Canyon 3	0						
		Napa Terminal Tank	27.58	City of Napa	1,273						
			27.60	Napa County Flood Control & WCD American Canyon 1	330						

1/ Includes 17 AF of Napa Co. FC&WCD Table A through Solano's Co.'s turnout for delivery to American Canyon.

2/ Table A Exchange from Mojave WA to Solano WA.

3/ Solano Permit water sold to American Canyon, delivered to Cordelia Forebay and pumped to American Canyon.

Table 9. Delta Field Division Plant Data

(in acre-feet)

August 2010

Date	North Bay Aqueduct		California Aqueduct		South Bay Aqueduct			
	Barker Slough Pumping Plant	Cordelia Pumping Plant	Banks Pumping Plant		South Bay Pumping Plant	Del Valle Pumping Plant		
			Total	SWP		Into Lake	Into Aqueduct	Gravity Flow Through Plant Into Aqueduct
1	199	107	14,149	14,149	505	0	0	19
2	194	102	13,818	13,818	506	0	0	19
3	199	104	13,536	13,536	544	0	0	19
4	219	116	13,411	13,411	510	0	0	19
5	215	114	13,775	13,775	488	0	0	19
6	215	115	13,573	13,573	494	0	0	19
7	212	113	13,554	13,554	503	0	0	19
8	178	81	14,572	14,572	481	0	0	19
9	171	81	13,962	13,962	492	0	0	19
10	197	102	14,080	14,080	526	0	0	19
11	208	115	14,101	14,101	428	0	0	19
12	201	102	13,045	13,045	512	0	0	19
13	208	109	14,241	14,241	524	0	0	19
14	195	91	13,639	13,639	503	0	0	19
15	214	115	14,096	14,096	499	0	0	19
16	199	107	13,903	13,903	508	0	0	18
17	207	111	12,576	12,576	518	0	0	19
18	218	117	13,272	13,272	493	0	0	19
19	185	87	12,715	12,715	506	0	0	19
20	205	107	13,396	11,278	521	0	0	19
21	216	115	12,442	10,324	493	0	0	19
22	203	104	13,983	11,865	498	0	0	19
23	227	120	13,913	11,795	508	0	0	20
24	220	116	13,740	13,740	507	0	0	20
25	239	126	12,402	12,402	506	0	0	20
26	238	127	12,223	12,223	531	0	0	20
27	214	112	12,438	12,438	521	0	0	20
28	206	104	11,655	11,655	500	0	0	20
29	210	110	12,020	12,020	478	0	0	20
30	215	114	11,251	11,251	494	0	0	20
31	207	110	12,677	12,677	504	0	0	20
Total	6,434	3,354	412,158	403,686	15,601	0	0	597

Table 10. Clifton Court Forebay

Daily Operation of Gates

August 2010

Date	Time										Amount of inflow in Acre-Feet
	Opened	Closed									
1		04:35	08:30	16:40	17:50	21:00					10,303
2	00:01	06:30	09:30	20:30							14,225
3	00:45	07:30	10:30	22:30							14,232
4	01:30	08:30	11:30	22:24							14,226
5	02:30	09:30	12:30								14,226
6		00:45	03:30	10:20	13:35						14,228
7		02:00	04:30	11:00	14:15						14,221
8		02:45	05:30	11:49	15:16						14,235
9		03:45	06:15	12:45	15:20						14,240
10		04:30	07:15	13:25	16:32						14,118
11		05:30	08:50	12:41	13:18	14:15	17:00				14,220
12		02:00	04:15	06:30	09:00	14:45	17:45	23:30			14,112
13	00:01	02:30	05:30	07:15	10:00	15:30	18:30				13,453
14		04:40	06:50	08:15	11:00	20:15					11,888
15		05:20	08:15	21:00							11,412
16	00:15	06:30	09:30	22:00							14,222
17	01:00	07:45	10:45	23:15							14,221
18	02:00	08:23	12:00								14,224
19		00:30	03:00	09:06	13:00						13,728
20		01:45	04:00	09:45	13:45						12,889
21		02:45	05:00	10:35	14:30						12,873
22		03:30	05:45	11:20	15:15						13,481
23		04:15	06:30	12:15	15:45						13,815
24		04:45	07:15	13:00	16:15						13,861
25		04:45	07:15	13:00	16:15						12,893
26		06:00	08:30	14:15	17:15						12,297
27		06:30	09:00	14:30	17:30						12,285
28		07:15	09:45	19:00	22:00						11,110
29		03:45	06:45	14:55	16:50	19:30	20:30				11,261
30		04:30	07:45	16:12	16:52	20:15	23:15				11,290
31		05:30	08:30	20:45							12,916
Total inflow for the month in AF:											410,705

Table 11. Governor Edmund G. Brown California Aqueduct

Delta Field Division, Monthly Deliveries

(In acre-feet)

August 2010

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		No.			Table A	USBR	Local Other	Pool A	Other		
	No.	Structure										
1A			1.83	Byron-Bethany I.D.	3,125			3,125				
1	1	Banks Pumping Plant	3.32		412,158							
		South Bay Pumping Plant	4.49	Bethany Reservoir (Into the South Bay Aquaduct)	15,601							
		Check No. 1	5.95									
			8.08	Alameda Co. Zone 7 WA Mountain House Golf Course	0							
	2	Check No. 2	12.01									
			12.47	Musco Olive	40							
		Check No. 3	18.29									
	3		22.16	Tracy Golf & Country Club	0							
		Check No. 4	23.99									
	4	Check No. 5	29.73									
	5	Check No. 6	34.24									
	6		35.22	Turlock Fruit Company Inflow	0							
		Check No. 7	39.91									
2A	7		42.46	Oak Flat Water District-A	85	77	161	147	104	1/ 8		
			42.9	Western Hills WD	161							
			43.81	Oak Flat Water District-B	147							
			44.64	Oak Flat Water District-C	104							
		Check No. 8	45.97									
	8		46.18	Oak Flat Water District-D	157	157	485	0	0	8		
				Oak Flat Totals:	493							
	9	Check No. 9	51.3									
		Check No. 10	56.86									
	10	Check No. 11	61.4				38					
	11		66.14	Veteran's Cemetery	38							
		Check No. 12	66.71		372,618							

1/ Dry Purchase 3.

Table 12. South Bay Aqueduct
Delta Field Division, Monthly Deliveries

August 2010

(In acre-feet)

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		Structure			Table A	Local	Article 56C	Pool A	Other	Recreation	
	No.	Structure	Mile									
1	1	South Bay Pumping Plant	0.00	(into South Bay Aqueduct)	15,601	4	25					
			3.17	Granite - Vasco Rd. (Temp.)	0							
			3.18	Oakland Scavenger Zone 7	4							
		Check No. 1	3.91									
	2	Check No. 2	5.21									
	3		7.21	Zone 7 Water Agency Altamont	25	25						
		Check No. 3	9.49	Zone 7 Water Agency Patterson Storage Exchange Project Water	0							
2	4	Check No. 4	10.68			1,406	1/ 1,406					
	5	Check No. 5	12.29									
	6		13.55	Zone 7 Water Agency Wente #1	159		159					
			14.16	Zone 7 Water Agency Wente #2	122			122				
			14.31	Zone 7 Water Agency Ising	63				63			
		Check No. 6	14.65									
	7		14.78	Zone 7 Water Agency Arroyo Mocho Project Water	1,005	1,005						
		Check No. 7	16.38									
4			16.57	Zone 7 Water Agency Wente #3	0	196						
			16.63	Zone 7 Water Agency Wente #4	196							
			16.69	Zone 7 Water Agency Norman Nursery	0							
			16.70	Zone 7 Water Agency Concannon Project Water	69							
		Del Valle Branch Pipeline Junction	18.63	Pumped into Lake Del Valle	0		69					
				Pumped into South Bay Aqueduct	0							
				Gravity into South Bay Aqueduct	597							
		Deliveries through Del Valle Branch Pipeline		Zone 7 Water Agency Arroyo Valle #1 & #2 Project Water Storage Exchange Inflow Release	343 205 0		343	205				
				East Bay Regional Park Dist. Del Valle Recreation	0							
				Zone 7 Water Agency Wente #5	106							
5			19.20	Zone 7 Water Agency So. Livermore Project Storage Exchange Project Water	0	106	2,696	91				
			19.21	Zone 7 - Kalthrof Detjens	141							
		La Costa Tunnel	22.50	ACWD - Vallecitos Project Water	0		2,696	2/ 91				
			25.97	City of San Francisco San Antonio	0							
		Mission Tunnel	28.97	ACWD - Bayside 1 & 2 Project Water Storage Exchange	1,755 690	141	1,755	690				
		Santa Clara Pipeline	35.86	S.C.V.W.D. Meter	7,112							

1/ Byron Bethany Irrigation District water transferred to Zone 7.

2/ Dry Purchase 3.

3/ Includes 67 AF of Dry Purchase 3, 4,565 AF of MWD water stored in Shasta to Santa Clara Valley WD in exchange for Santa Clara Valley WD Table A Water, and 2,480 AF of transfer water from Brown's Valley ID to Santa Clara Valley WD.

Table 13. Lake Del Valle
Daily Operation

Capacity: 77,106 ac-ft

August 2010

Date	Water Surface Elevation (feet)	Storage	Storage Change	Inflow		Outflow					Precipitation (inches)
				Natural 1/	From South Bay Aqueduct	Arroyo Valle	South Bay Aqueduct 2/	Recreation Deliveries 3/	Evaporation	Total Outflow	
Jul 31	700.26	38,005									
1	700.20	37,964	-41	-6	0	0	19	1	15	35	0.00
2	700.14	37,923	-41	-6	0	0	19	1	15	35	0.00
3	700.08	37,882	-41	-9	0	0	19	1	12	32	0.00
4	700.03	37,848	-34	0	0	0	19	1	14	34	0.00
5	699.96	37,800	-48	-14	0	0	19	1	14	34	0.00
6	699.91	37,766	-34	-1	0	0	19	1	13	33	0.00
7	699.85	37,725	-41	-11	0	0	19	1	10	30	0.00
8	699.80	37,691	-34	-3	0	0	19	1	11	31	0.00
9	699.74	37,650	-41	-8	0	0	19	1	13	33	0.00
10	699.68	37,609	-41	-8	0	0	19	1	13	33	0.00
11	699.62	37,568	-41	-9	0	0	19	1	12	32	0.00
12	699.56	37,527	-41	-10	0	0	19	1	11	31	0.00
13	699.50	37,486	-41	-9	0	0	19	1	12	32	0.00
14	699.45	37,452	-34	-3	0	0	19	1	11	31	0.00
15	699.39	37,411	-41	-10	0	0	19	1	10	30	0.00
16	699.34	37,377	-34	-4	0	0	18	1	11	30	0.00
17	699.29	37,343	-34	0	0	0	19	1	14	34	0.00
18	699.23	37,303	-41	-11	0	0	19	1	10	30	0.00
19	699.17	37,262	-41	-9	0	0	19	1	11	31	0.00
20	699.13	37,235	-27	8	0	0	19	1	15	35	0.00
21	699.07	37,194	-41	-11	0	0	19	1	10	30	0.00
22	699.01	37,154	-41	-10	0	0	19	1	11	31	0.00
23	698.97	37,127	-27	9	0	0	20	0	16	36	0.00
24	698.91	37,086	-41	-1	0	0	20	0	20	40	0.00
25	698.86	37,052	-34	6	0	0	20	0	20	40	0.00
26	698.79	37,005	-47	-9	0	0	20	0	18	38	0.00
27	698.77	36,991	-14	20	0	0	20	0	13	33	0.00
28	698.70	36,944	-47	-15	0	0	20	0	13	33	0.00
29	698.64	36,904	-40	-13	0	0	20	0	8	28	0.00
30	698.58	36,863	-40	-11	0	0	20	0	10	30	0.00
31	698.52	36,823	-40	-11	0	0	20	0	10	30	0.00
Total				-1,182	-167	0	0	597	22	396	1,015
1/ Total inflow from stream gaging station above Lang Canyon and accretions/depletions.											
2/ Project water released to South Bay Aqueduct through Del Valle Pumping Plant.											
3/ To East Bay Regional Park District.											
NR=No Records											

Table 14. Consolidated State-Federal O'Neill Forebay

Daily Operations

August 2010

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity 56,430 ac-ft

Date	Water Surface Elevation (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)				Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
				Pump In 1/	O'Neill Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	California Aqueduct	O'Neill Pumping Generating Plant (Generation)	Gianelli Pumping Generating Plant (Pumped)	Dos Amigos Pumping Plant	Deliv-eries 2/	
Jul 31	224.21	54,293										
1	223.79	53,162	-1,131	0	796	3,234	6,580	0	2,599	8,491	23	-67
2	223.92	53,511	349	0	852	4,125	6,315	0	3,155	8,474	23	536
3	221.34	46,653	-6,858	0	725	2,508	6,244	0	3,781	9,262	23	131
4	221.45	46,941	288	0	499	2,434	6,400	0	0	9,255	18	85
5	220.16	43,567	-3,374	0	228	1,566	6,167	0	0	9,951	18	307
6	221.09	45,996	2,429	0	305	4,289	6,678	0	0	9,885	18	-144
7	221.79	47,835	1,839	0	548	3,160	6,220	0	0	8,967	18	-16
8	221.17	46,206	-1,629	0	1,021	0	6,349	0	0	8,243	18	70
9	223.12	51,367	5,161	0	1,256	3,293	6,645	0	0	8,833	18	259
10	222.96	50,939	-428	0	1,056	1,453	6,413	0	0	9,263	18	143
11	222.35	49,314	-1,625	0	776	1,173	6,513	0	0	9,564	18	301
12	222.30	49,182	-132	0	634	2,610	5,755	0	0	9,321	15	270
13	220.63	44,792	-4,390	0	629	0	5,553	0	0	8,536	15	156
14	220.03	43,230	-1,562	0	685	1,106	6,515	0	0	9,310	15	232
15	220.73	45,054	1,824	0	976	1,991	6,413	0	0	8,592	15	147
16	221.70	47,598	2,544	0	1,545	2,018	6,433	0	0	8,730	15	32
17	222.12	48,703	1,105	0	1,174	2,018	5,630	0	0	8,440	15	190
18	220.77	45,158	-3,545	0	650	1,173	6,124	0	0	9,629	15	-90
19	219.65	42,248	-2,910	0	559	1,320	5,701	0	0	9,088	13	54
20	219.56	42,016	-232	0	772	1,958	6,034	12	0	8,886	13	30
21	219.90	42,893	877	0	948	1,958	5,934	0	0	8,637	13	252
22	221.15	46,154	3,261	0	1,245	2,604	6,153	0	0	8,470	13	125
23	222.25	49,049	2,895	0	1,407	1,932	6,370	0	0	8,324	13	88
24	222.82	50,566	1,517	0	1,242	1,924	6,623	0	0	8,984	13	-27
25	221.69	47,572	-2,994	0	890	1,154	5,314	0	0	8,552	13	-302
26	220.95	45,629	-1,943	0	764	1,735	5,715	0	0	9,289	13	108
27	220.55	44,583	-1,046	0	902	2,295	5,453	0	0	9,197	13	33
28	221.31	46,574	1,991	0	948	3,144	5,241	0	0	8,503	13	187
29	221.41	46,836	262	0	1,105	1,705	5,393	0	0	8,614	13	556
30	221.85	47,992	1,156	0	1,500	2,535	5,025	0	0	8,269	13	-195
31	222.85	50,646	2,654	0	1,654	2,535	5,956	0	0	8,844	10	47
Total			-3,647	0	28,291	64,950	187,859	12	9,535	276,403	484	3,498
Mean cfs			---	0	913	2,095	6,060	0	308	8,916	16	113
Acre-feet			-3,647	0	56,115	128,829	372,618	24	18,913	548,249	960	6,937

1/ Pump-in located at Mile 79.67R.

2/ Includes 70 AF delivered to DFG at O'Neill Forebay, 1 AF to Parks & Rec., 466 AF to San Luis Water District, and 75 AF for Pump-In Credit.

Table 15. Consolidated State-Federal San Luis Reservoir

Daily Operations

August 2010

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity: 2,027,835 ac-ft

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)			Computed Losses (-) Gains (+) (cfs)
				Gianelli Pumping Generating Plant (Pumped)	Gianelli Pumping Generating Plant (Generation)	Pacheco Tunnel 1/	Parks and Rec. Del.		
Jul 31	442.99	903,601							
1	442.72	900,990	-2,611	2,599	3,234	242	0	-439	
2	442.45	898,382	-2,608	3,155	4,125	269	0	-76	
3	442.60	899,830	1,448	3,781	2,508	276	0	-267	
4	442.06	894,619	-5,211	0	2,434	271	0	78	
5	441.66	890,765	-3,854	0	1,566	261	0	-116	
6	440.70	881,538	-9,227	0	4,289	246	0	-117	
7	440.10	875,787	-5,751	0	3,160	252	0	513	
8	439.95	874,352	-1,435	0	0	221	0	-502	
9	439.22	867,377	-6,975	0	3,293	252	0	28	
10	438.85	863,849	-3,528	0	1,453	244	0	-82	
11	438.53	860,801	-3,048	0	1,173	225	0	-139	
12	437.94	855,192	-5,609	0	2,610	232	0	14	
13	437.90	854,813	-379	0	0	246	0	55	
14	437.58	851,776	-3,037	0	1,106	247	0	-178	
15	437.10	847,228	-4,548	0	1,991	222	0	-80	
16	436.63	842,783	-4,445	0	2,018	252	0	29	
17	436.15	838,252	-4,531	0	2,018	249	0	-17	
18	435.83	835,235	-3,017	0	1,173	255	0	-93	
19	435.49	832,034	-3,201	0	1,320	267	0	-27	
20	435.00	827,429	-4,605	0	1,958	266	0	-98	
21	434.50	822,738	-4,691	0	1,958	251	0	-156	
22	433.90	817,121	-5,617	0	2,604	209	0	-19	
23	433.47	813,104	-4,017	0	1,932	276	0	183	
24	433.00	808,721	-4,383	0	1,924	283	0	-3	
25	432.68	805,741	-2,980	0	1,154	285	0	-63	
26	432.24	801,650	-4,091	0	1,735	272	0	-56	
27	431.71	796,732	-4,918	0	2,295	270	0	86	
28	430.91	789,328	-7,404	0	3,144	265	0	-324	
29	430.50	785,542	-3,786	0	1,705	233	0	29	
30	429.90	780,013	-5,529	0	2,535	257	0	5	
31	429.34	774,865	-5,148	0	2,535	294	0	234	
Total			-128,736	9,535	64,950	7,890	0	-1,598	
Mean cfs			---	308	2,095	255	0	-52	
Acre-feet			-128,736	18,913	128,829	15,642	0	-3,178	

1/ Pacheco Tunnel, San Felipe Split; Santa Clara 9,923 AF, Casa De Fruta 0 AF, and San Benito 2,023 AF.

Table 16. San Luis Field Division Plant Data

(in acre-feet)

August 2010

Date	Dos Amigos Pumping Plant		Gianelli Pumping - Generating Plant				San Felipe Project
	Total Pumping	SWP Pumping 1/ 2/	Total Generation	SWP Generation 1/ 2/	Total Pumping	SWP Pumping 1/ 2/	Federal
1	16,842	9,277	6,415	-151	5,155	5,155	480
2	16,808	9,318	8,182	-227	6,258	6,258	533
3	18,372	10,951	4,975	9	7,500	7,500	547
4	18,357	10,934	4,827	1,669	0	0	538
5	19,737	12,406	3,107	82	0	0	518
6	19,607	12,092	8,508	702	0	0	487
7	17,787	10,411	6,268	10	0	0	499
8	16,349	8,948	0	0	0	0	438
9	17,520	10,124	6,531	-70	0	0	499
10	18,374	10,959	2,882	-70	0	0	483
11	18,971	11,594	2,327	-53	0	0	447
12	18,489	11,074	5,177	4	0	0	460
13	16,932	13,571	0	0	0	0	488
14	18,466	15,082	2,194	488	0	0	489
15	17,042	13,660	3,950	3,950	0	0	441
16	17,316	13,932	4,003	1,409	0	0	500
17	16,740	13,388	4,003	1,397	0	0	493
18	19,100	15,743	2,327	2,327	0	0	505
19	18,027	14,698	2,618	2,618	0	0	529
20	17,625	14,271	3,883	1,320	0	0	527
21	17,132	13,802	3,883	1,311	0	0	497
22	16,800	13,428	5,165	5,165	0	0	415
23	16,511	13,102	3,833	1,218	0	0	547
24	17,820	13,687	3,816	1,189	0	0	561
25	16,962	12,937	2,288	2,288	0	0	565
26	18,424	17,685	3,441	3,441	0	0	539
27	18,243	17,504	4,552	4,552	0	0	535
28	16,866	16,127	6,236	6,236	0	0	526
29	17,085	16,346	3,382	3,382	0	0	463
30	16,402	15,663	5,028	5,028	0	0	509
31	17,543	16,804	5,028	5,028	0	0	584
Total	548,249	409,518	128,829	54,252	18,913	18,913	15,642

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

2/ Provisional, subject to change.

Table 17. Consolidated State-Federal Los Banos Reservoir

Daily Operations

August 2010

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity 34,560 ac-ft

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Jul 31	328.61	20,958					
1	328.59	20,948	-10	0	0	0	-10
2	328.57	20,939	-9	0	0	0	-9
3	328.57	20,939	0	0	0	0	0
4	328.22	20,773	-166	0	0	0	-166
5	328.18	20,754	-19	0	0	0	-19
6	328.16	20,745	-9	0	0	0	-9
7	328.13	20,731	-14	0	0	0	-14
8	328.10	20,717	-14	0	0	0	-14
9	328.08	20,707	-10	0	0	0	-10
10	328.05	20,693	-14	0	0	0	-14
11	328.02	20,679	-14	0	0	0	-14
12	328.01	20,674	-5	0	0	0	-5
13	328.27	20,797	123	62	0	0	0
14	328.24	20,783	-14	0	0	0	-14
15	328.22	20,773	-10	0	0	0	-10
16	328.20	20,764	-9	0	0	0	-9
17	328.18	20,754	-10	0	0	0	-10
18	328.15	20,740	-14	0	0	0	-14
19	328.15	20,740	0	0	0	0	0
20	328.11	20,721	-19	0	0	0	-19
21	328.08	20,707	-14	0	0	0	-14
22	328.05	20,693	-14	0	0	0	-14
23	328.04	20,688	-5	0	0	0	-5
24	328.03	20,684	-4	0	0	0	-4
25	328.00	20,670	-14	0	0	0	-14
26	327.96	20,651	-19	0	0	0	-19
27	327.93	20,637	-14	0	0	0	-14
28	327.87	20,608	-29	0	0	0	-29
29	327.85	20,599	-9	0	0	0	-9
30	327.81	20,580	-19	0	0	0	-19
31	327.80	20,576	-4	0	0	0	-4
Total			-382	62	0	0	-505
Mean cfs			---	2	0	0	---
Acre-feet			-382	123	0	0	-505

Table 18. Consolidated State-Federal Little Panoche Reservoir

Daily Operations

August 2010

United States

Department of the Interior

Bureau of Reclamation

Central Valley Project

State of California

The Resources Agency

Department of Water Resources

State Water Project

Capacity: 5,580 ac-ft

Date	Water Surface Elev. (in feet)	Storage (ac-ft)	Storage Change (ac-ft)	Estimated Inflow (cfs)	Estimated Outflow (cfs)		Computed Losses (-) Gains (+) (ac-ft)
					Spill	Outlet	
Jul 31	599.75	671					
1	Not Observed						
2	Not Observed						
3	Not Observed						
4	Not Observed						
5	Not Observed						
6	Not Observed						
7	Not Observed						
8	Not Observed						
9	Not Observed						
10	Not Observed						
11	599.60	664	-7	0	0	0	-7
12	Not Observed						
13	Not Observed						
14	Not Observed						
15	599.60	664	0	0	0	0	0
16	Not Observed						
17	Not Observed						
18	Not Observed						
19	Not Observed						
20	Not Observed						
21	Not Observed						
22	Not Observed						
23	Not Observed						
24	Not Observed						
25	599.55	661	-3	0	0	0	-3
26	Not Observed						
27	599.55	661	0	0	0	0	0
28	Not Observed						
29	Not Observed						
30	Not Observed						
31	599.55	661	0	0	0	0	0
Total			-10	0	0	0	-10
Mean cfs			---	0	0	0	---
Acre-feet			-10	0	0	0	-10

Table 19. Governor Edmund G. Brown California Aqueduct
San Luis Field Division, Monthly Deliveries

(In acre-feet)

August 2010

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		Mile			USBR	Transfer	DWR Recreation	USBR Recreation		
	No.	Structure									
2B	12	Check No. 12	66.71		372,618						
3A	San Luis Reservoir			Department of Parks and Recreation	0	11,914					
				San Felipe Division Santa Clara Water District	11,914						
				Casa de Fruta Santa Clara Water District	0						
				San Felipe Division San Benito Water District	3,728						
				Reach 3A Subtotal:	15,642		15,642	0	0		
3	O'Neill Forebay	70.85		Department of Parks and Recreation	1	1		1	0		
				Cattle Program	0						
				Department of Fish & Game	79						
		70.91 Thru 85.08		San Luis Water District	880	880		43	36		
				(Floodwater Inflow)	0						
		86.73		Reach 3 Subtotal:	960	880	0	44	36		
				Dos Amigos Pumping Plant	548,249						
4	14			89.03		6,451					
				Thru 94.06	San Luis Water District						
				89.66	Pacheco Water District						
				Thru 89.67							
				89.68	Panoche Water District						
				89.70	City of Dos Palos	1,600		169			
				Check No. 14	95.06						
				98.15	San Luis Water District						
				Thru 104.20							
				96.15	Panoche Water District	3,581		1,474			
4	15			Thru 102.64	(Floodwater Inflow)						
				102.64	Broadview Water District						
				105.22	Westlands Water District	10,851		7,301	1/ 3,550		
				Thru 108.64							
				Check No.15	108.50						
				Reach 4 Subtotal:	24,186	20,636	3,550	0	0		
				San Felipe Division Total:	15,642						
				Pacheco Water District Total:	1,474						
				Broadview Water District Total:	0						
				City of Dos Palos Total:	169						
4	16			SLWD Reach 4 Subtotal:	8,051	8,051	0	0	0		
				Panoche Water District Total:	3,641						
				SLWD Total:	8,931						
				Westlands WD Reach 4 Subtotal:	10,851						
				Reach 4 Subtotal:	24,186	7,301	3,550	0	0		
				San Felipe Division Total:	15,642						
				Pacheco Water District Total:	1,474						
				Broadview Water District Total:	0						

1/ Includes 1,775 AF from Pixley to Westlands WD and 1,775 AF from Lower Tule to Westlands WD.

Table 19. Governor Edmund G. Brown California Aqueduct

San Luis Field Division, Monthly Deliveries (Continued)

(In acre-feet)

August 2010

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
		Beginning and Ending				USBR	Transfer	DWR Recreation	USBR Recreation			
	No.	Structure	Mile									
5	16			(Reverse flow, Kings River)	0	15,548		1	0			
				110.52	Westlands Water District	15,548						
				Thru	Dept. of Fish and Game @ Lat. 4L	1						
				122.05	Dept. of Fish and Game @ Lat. 6L	0						
					Dept. of Fish and Game @ Lat. 7L	0						
			Check No. 16	122.07								
	17			124.18	Westlands Water District	9,337	9,337					
				Thru 132.74								
	Check No. 17			132.95								
	18			133.81	Westlands Water District	11,469	11,469					
				Thru 142.61								
				Pleasant Valley Pumping Plant	Westlands Water District	11,873	11,873					
				143.16	City of Coalinga	772	772					
				Check No. 18	143.23							
					Reach 5 Subtotal:	49,000	48,999	0	1			
6	19			145.26	GWF Energy	0	3	1/ 393				
					City of Huron	3						
					DWR Water Truck @22R	0						
					Kings County to Lemoore NAS Through WWD	393						
					Kings County through WWD 30L	0						
					Westlands Water District	20,577						
				Check No. 19	155.64							
					Reach 6 Subtotal:	20,973	20,580	393	0			
7	20			156.34	City of Huron	119	119					
				156.40	SWP Construction @ Lat. 24R	0						
				Thru	Kings County through WWD 31L, 32L, 33L, 34L, 35L, 36L	0						
				163.69	Westlands Water District	10,345						
				Check No. 20	164.69							
	21			164.79	City of Avenal	261	10,345	261				
				167.04	Westlands Water District	4,172						
				Thru 171.67								
				Check No. 21	172.40	434,275						
					Reach 7 Total:	14,897	14,897	0	0			
					SWP Construction Total:	0	0	0	0			
					Westlands WD Total:	94,172	90,622	3,550	0			
					City of Coalinga Total:	772	772	0	0			
					City of Huron Total:	122	122	0	0			
					Kings County to Lemoore NAS Through WWD	393	0	393	0			
					City of Avenal Total:	261	261	0	0			
Total San Luis Field Division Deliveries:						125,658	121,634	3,943	45			
1/ From County of Kings to Westlands Water District.						21						

Table 20. Consolidated State-Federal San Luis Canal 1/

Daily Operations

August 2010

United States
Department of the Interior
Bureau of Reclamation
Central Valley Project

State of California
The Resources Agency
Department of Water Resources
State Water Project

Date	Storage In Canal (ac-ft)	Storage Change (ac-ft)	Inflow (cfs)		Outflow (cfs)				Computed Losses (-) Gains (+) (cfs)
			Non-Project	Dos Amigos Pumping Plant	San Luis Water District Pools 14 & 15 2/	Panoche Water District Pools 14 & 15	Westlands Water District Pools 15 thru 21 3/	Flow Past Check 21	
Jul 31	29,665								
1	30,092	427	0	8,491	180	89	2,094	6,444	531
2	29,588	-504	0	8,474	180	89	2,094	6,607	241
3	29,447	-141	0	9,262	180	89	2,094	7,005	35
4	28,853	-594	0	9,255	180	89	2,094	7,034	-158
5	29,350	497	0	9,951	176	74	1,632	7,244	-574
6	29,253	-97	0	9,885	176	74	1,632	7,347	-705
7	28,948	-305	0	8,967	176	74	1,632	7,024	-215
8	29,003	55	0	8,243	176	74	1,632	6,705	372
9	29,750	747	0	8,833	176	74	1,632	6,588	14
10	29,494	-256	0	9,263	176	74	1,632	7,434	-76
11	29,787	293	0	9,564	176	74	1,632	7,309	-225
12	29,637	-150	0	9,321	169	55	1,359	7,358	-456
13	28,963	-674	0	8,536	169	55	1,359	6,957	-336
14	29,600	637	0	9,310	169	55	1,359	7,107	-299
15	29,517	-83	0	8,592	169	55	1,359	7,301	250
16	29,395	-122	0	8,730	169	55	1,359	7,205	-3
17	28,767	-628	0	8,440	169	55	1,359	7,202	28
18	29,926	1,159	0	9,629	169	55	1,359	7,268	-194
19	29,815	-111	0	9,088	128	40	1,383	7,427	-166
20	29,431	-384	0	8,886	128	40	1,383	7,365	-163
21	28,832	-599	0	8,637	128	40	1,383	7,330	-58
22	28,668	-164	0	8,470	128	40	1,383	7,200	198
23	29,105	437	0	8,324	128	40	1,383	6,503	-50
24	29,266	161	0	8,984	128	41	1,383	7,158	-193
25	29,044	-222	0	8,552	128	41	1,383	7,185	73
26	29,690	646	0	9,289	143	49	1,544	7,074	-153
27	29,532	-158	0	9,197	143	49	1,544	7,447	-93
28	29,296	-236	0	8,503	143	49	1,544	6,714	-172
29	29,651	355	0	8,614	143	49	1,544	6,515	-184
30	29,274	-377	0	8,269	143	49	1,544	6,955	232
31	29,746	472	0	8,844	141	49	1,545	6,931	60
Total		81	0	276,403	4,887	1,835	48,259	218,944	-2,439
Mean cfs		---	0	8,916	158	59	1,557	7,063	-79
Acre-feet		81	0	548,249	9,694	3,641	95,721	434,275	-4,837

1/ San Luis Canal includes Pools 14 through 21 of the California Aqueduct.

2/ Includes 1,474 AF to Pacheco W.D., 169 AF to the City of Dos Palos and 8,051 AF to San Luis Water District.

3/ Includes 119 AF to the City of Huron, 261 AF to the City of Avenal, 772 AF to the City of Coalinga, 3 AF to City of Huron P&R @ 22R, 393 AF to Lemoore N.A.S. @ 29L, 0 AF to GWF @ 30L, 0 AF to Kings County @ 30L, 0 AF to Broadview WD @ 3L, 1 AF to DFG @ 4L, 0 AF to Pilibos Wildlife @ 4L, 0 AF to Mendota Water Fowl Habitat Area @ 6L, 0 AF to FG @ 7L, 0 AF to Non-Project Water, 82,299 AF to Westlands Water District and 11,873 AF to Pleasant Valley Pumping Plant.

Table 21. San Joaquin Field Division Plant Data

(in acre-feet)

August 2010

Date	Coastal Aqueduct					California Aqueduct			
	Las Perillas Pumping Plant	Badger Hill Pumping Plant	Devil's Den Pumping Plant	Bluestone Pumping Plant	Polonio Pass Pumping Plant	Buena Vista Pumping Plant	Teerink Pumping Plant	Chrisman Pumping Plant	Edmonston Pumping Plant
1	633	549	131	118	131	6,936	6,552	6,225	6,234
2	687	618	117	108	118	6,739	6,152	5,869	5,764
3	762	659	101	90	100	6,925	6,317	5,962	5,812
4	671	582	133	121	131	7,219	6,690	6,262	6,145
5	519	460	111	102	111	6,810	6,413	6,015	5,842
6	689	609	114	104	112	7,245	6,412	6,067	5,882
7	781	689	119	108	117	6,978	6,343	6,013	5,882
8	637	579	105	94	105	6,347	5,989	5,831	5,702
9	652	656	123	112	123	6,933	6,458	6,133	6,019
10	689	489	108	99	109	7,037	6,609	6,267	6,164
11	722	662	110	96	113	7,557	6,129	6,374	6,159
12	557	519	120	109	120	7,359	6,941	6,539	6,414
13	694	613	116	106	114	7,557	7,177	6,812	6,763
14	799	691	112	103	113	7,846	7,145	6,812	6,709
15	708	570	120	109	120	7,603	7,007	6,761	6,647
16	552	505	121	111	119	7,629	7,260	6,940	6,795
17	509	499	112	101	112	7,663	7,038	6,624	6,494
18	635	584	121	109	122	7,328	6,869	6,467	6,387
19	644	598	115	104	115	6,985	6,181	5,930	5,764
20	611	546	118	107	118	7,063	6,256	5,946	5,852
21	594	543	109	100	109	7,141	6,474	6,267	6,339
22	491	499	119	108	118	7,089	6,808	6,578	6,527
23	506	368	119	107	117	6,663	6,086	6,320	5,761
24	608	535	111	100	111	7,215	6,381	6,320	6,008
25	632	597	117	106	116	7,060	6,394	6,120	6,024
26	691	651	119	107	120	7,219	6,630	6,522	6,202
27	568	588	115	104	113	7,242	6,601	6,373	6,255
28	587	432	52	90	99	7,219	6,563	6,380	6,271
29	665	585	117	117	118	6,880	6,592	6,350	6,390
30	336	246	67	59	66	7,039	6,746	6,456	6,390
31	634	406	107	122	132	7,303	6,579	6,212	6,175
Total	19,463	17,127	3,479	3,231	3,542	221,829	203,791	195,747	191,772

Table 22. Governor Edmund G. Brown California Aqueduct
San Joaquin Field Division, Monthly Deliveries

(In acre-feet)

August 2010

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending					Table A	USBR	Carryover Article 56C	Pool A	Other		
	No.	Structure	Mile									
7	21	Check No. 21	172.40		434,275							
8C	22			Empire West Side ID TL - A	0	1,396		776		1/ 2 2/ 5,186		
				County of Kings TL - A	2							
				Tulare Lake Basin WSD TL-A	7,358							
				175.18 Dudley Ridge WD - 1	196							
				177.54 Dudley Ridge WD - 1B	246							
				180.64 Tulare Lake Basin WSD - C	0							
				180.65 Dudley Ridge WD - 1A	1,257							
				182.99 Dudley Ridge WD - 2	3,362							
				183.00 Tulare Lake Basin WSD TL - B	18,309							
				County of Kings TL-B	0							
31A				184.00 Dudley Ridge WD - Paramount	0	5,885		1,257 2,369		3/ 993 4/ 12,424		
				184.63 Coastal Branch	19,463							
8D				184.78 Dudley Ridge WD - 3	2,942	104		1,288		5/ 1,550 2,543		
				Dudley Ridge Reach 8D Total:	8,003							
9	23			Tulare Lake Basin WSD Total:	25,667	7,281		776		17,610		
				Check No. 22	184.82							
				189.69 Kern County Water Agency Lost Hills Water Dist. - 1	9,897	6,684		6/ 3,213				
				191.18 Kern County Water Agency Lost Hills Water Dist. - 2	1,603							
				194.22 Kern County Water Agency Lost Hills Water Dist. - 3	946							
				196.40 Kern County Water Agency Berrenda Mesa - 2	790							
				196.75 Kern County Water Agency Lost Hills Water Dist. - 4	1,851							
				KCWA Reach 9 Subtotal:	15,087	11,874		0	0	3,213		
				Check No. 23	197.05							
10A	24			201.24 Kern County Water Agency Lost Hills Water Dist. - 7	1,162		1,162					
				202.05 Kern County Water Agency Lost Hills Water Dist. - 5	1,081							
				204.69 Kern County Water Agency Lost Hills Water Dist. - 6	0		6					
				205.26 Kern County Water Agency Lost Hills Water Dist. - 8	6							
				Check No. 24	207.94							
				209.71 Kern County Water Agency Belridge Water Storage Dist. - 1A	3,194	3,194		1,319		7/ 31,910 8/ 12,900		
				209.78 Kern National Wildlife Refuge USBR BV-1B	1,319							
				217 Kern County Water Agency Buena Vista WSD 1B	217							
				209.80 KCWA Semitropic WSD	31,910							
				KCWA Semitropic WSD Penstocks	12,925							
	25			USBR Total:	1,319	25		0	0	0		
				KCWA Reach 10A Subtotal:	50,495							

1/ Yuba Water - C3.

2/ Includes 59 AF of Yuba Water C3 and 5,127 AF of Friant Recirculation water from Lower Tule River ID, Fresno ID, and Tulare ID.

3/ Tulare Lake Basin WSD Table A delivered thru Dudley Ridge turnout.

4/ Friant Recirculation water from Lower Tule River ID, Fresno ID, and Tulare ID.

5/ Includes 206 AF of Dry Year Water, 34 AF of Yuba Water C3, 345 AF of Yuba Water C4, and 965 AF of Kern County WA 2010 Table A to Dudley Ridge WD.

6/ Includes 2,683 AF of Dry Year Water, and 530 AF of Yuba Water C3.

7/ 31,500 AF of MWD Table A water sent to Semitropic WSD for banking and 410 AF of Dudley Ridge WD Same landowner transfer (Sandridge).

8/ MWD Table A water sent to Semitropic WSD for banking.

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

August 2010

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending					Table A	USBR	Carryover Article 56C	Pool A	Other		
	No.	Structure	Mile									
11B	25		210.75	Kern County Water Agency Belridge - 2	0	677						
			214.11	Kern County Water Agency Belridge - 3	677							
			216.62	Kern County Water Agency Belridge - 4	0							
			217.13	Kern County Water Agency Belridge - 5A-C	15,309							
				Kern County Water Agency Belridge - 5D	139							
		Check No. 25	217.79									
				KCWA Reach 11B Subtotal:	16,125	16,125	0	0	0	0		
12D	26		219.58	Kern County Water Agency Belridge - 6	0	417						
				Kern County Water Agency West Kern - 3	417							
		Check No. 26	224.92									
12E	27		230.37	Kern County Water Agency Buena Vista - 6	3,893	2,893				2/ 1,000		
		Check No. 27	231.73									
	28		235.75	Kern County Water Agency Buena Vista - 2	5,422	3,493 4,785				3/ 1,929 4/ 45,346		
				Kern County WA CVC	50,131							
				DRWD CVC	0							
				Tulare Co.	0							
				Lower Tule River	0							
				Fresno Co.	0							
				Pixley ID	0							
				Hacienda								
				DWR Wells	0							
				Check No. 28	238.11							
				1/ Arvin Edison Total:	0	0	0	0	0	0		
				Reach 12E Subtotal:	59,446	11,171	0	0	0	48,275		
13B	29		238.19	Kern Water Bank Inflow	0	1,903 1,664				3/ 9,000		
				Kern Water Bank Outflow	0							
				241.02 Kern River Intertie (inflow)	0							
				242.85 KCWA Buena Vista WSD - 7	10,903							
				KCWA Buena Vista WSD - 5	1,664							
				243.09 Kern County Water Agency Buena Vista - 3	2,553	2,553				5/ 810		
				Check No. 29	244.54							
	30		249.85	Kern County Water Agency Buena Vista - 4	2,119		1,309					
				Buena Vista Pumping Plant	250.99							
				KCWA Reach 13B Subtotal:	17,239	7,429	0	0	0	9,810		
14A	31		254.47	Kern County Water Agency West Kern - 2	0	305						
				256.11 Kern County Water Agency Wheeler Ridge-Maricopa - 2	305							

1/ Arvin Edison Contractors include Rag Gulch WD, Kern-Tulare WD, Fresno County, Hills Valley ID, Tri Valley WD, Tulare County, Lower Tule River ID, and Pixley ID.

2/ Zone 7 Table A to Cawelo WD for banking.

3/ MWD Table A water stored in Kern-Delta.

4/ Includes 3,097 AF of MWD Table A water stored in Kern-Delta, 30,348 AF of MWD Table A sent to Arvin-Edison WSD for banking.

9,517 AF of Castaic Lake WA Table A sent to Rosedale Rio Bravo, and 2,384 AF of Kern Tulare sent to Rosedale Rio Bravo for storage.

5/ Tulare Lake Basin WSD same landowner transfer - JG Boswell.

Table 22. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Continued)

(In acre-feet)

August 2010

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries				
	Beginning and Ending		No.	Structure	Mile	Table A	USBR	Carryover Article 56C	Pool A	Other
	No.	Structure								
14A	31	Check No. 31	256.14			728	1,704		0	0
	32		258.61	Kern County Water Agency Wheeler Ridge-Maricopa - 3	728					
			260.44	Kern County Water Agency Wheeler Ridge-Maricopa - 4	1,704					
		Check No. 32	261.72							
				KCWA Reach 14A Subtotal:	2,737					
14B	33		264.42	Kern County Water Agency Wheeler Ridge-Maricopa - 5	5,371	1,012	2,301		0	0
			266.91	Kern County Water Agency Wheeler Ridge-Maricopa - 6	1,012					
	34		267.36							
			270.24	Kern County Water Agency Wheeler Ridge-Maricopa - 7	2,301					
		Check No. 34	271.27							
				Reach 14B Total:	8,684					
14C	35		272.39	Kern County Water Agency Wheeler Ridge-Maricopa - 8	2,821	973			0	0
			276.09	Kern County Water Agency Wheeler Ridge-Maricopa - 9	973					
			277.30	Kern County Water Agency Arvin-Edison WSD	6,931					
				Reach 14C Total:	10,725					
	Teerink Pumping Plant	278.13			203,791					
15A	36		279.02	Kern County Water Agency Wheeler Ridge-Maricopa - 9A	675	2,788			0	0
			280.06	Kern County Water Agency Wheeler Ridge-Maricopa - 10	2,788					
				Reach 15A Total:	3,463					
	Chrismen Pumping Plant	280.36			195,747					
	37		282.06	Kern County Water Agency Wheeler Ridge-Maricopa - 11	0				0	0
			283.95							
16A	38		285.01	Kern County Water Agency Wheeler Ridge-Maricopa - 12	43	94			0	0
			286.39	Kern County Water Agency Wheeler Ridge-Maricopa - 13A	94					
			287.06	Kern County Water Agency Wheeler Ridge-Maricopa - 13	0					
			287.09							
	39		287.62	Kern County Water Agency Wheeler Ridge-Maricopa - 13B	69				0	0
			290.21							
17E	40		291.26	Kern County Water Agency Wheeler Ridge-Maricopa - 14	1,401	1,088			0	0
			293.07	Kern County Water Agency Wheeler Ridge-Maricopa - 15	767					
				Kern County Water Agency Tehachapi Cummings CWD	1,088					
				KCWA Reach 16A Subtotal:	3,462					
	Edmonston Pumping Plant	293.45			191,772					

1/ From MWD to Arvin Edison WSD for Banking.

Table 23. Governor Edmund G. Brown California Aqueduct

San Joaquin Field Division, Monthly Deliveries (Coastal Branch)

(In acre-feet)

August 2010

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries					
	Beginning and Ending		No.			Table A	USBR	Carryover Article 56C	Pool A	Other	
	No.	Structure	Mile								
31A	C-1	Coastal Branch Control	0.02		19,463	1,441	13,176	5			
		Las Perillas Pumping Plant	1.16		19,463						
	C-2		3.79	Green Valley Water District	5						
		Badger Hill Pumping Plant	4.27		17,127						
	C-3	Coastal Check No. 3	7.21								
	C-4		9.34	Castaic Lake WA (Devil's Den WD #1)	0						
		Coastal Check No. 4	9.34								
	C-5	Coastal Check No. 5	12.20								
	C-6		13.30	Kern County Water Agency Berrenda Mesa - 3	1,441						
			14.83	Kern County Water Agency Berrenda Mesa - 1	13,176						
				Kern County Water Agency Berrenda Mesa - PO	0						
		Devil's Den Pumping Plant	14.86		3,479						
				KCWA Reach 31A Subtotal:	14,617	14,617	0	0	0	0	
				KCWA Total:	202,497	89,458	0	0	0	113,039	
33A	C-7	Bluestone Pumping Plant	19.05		3,231	3,034	460				
	C-8	Polonio Pass Pumping Plant	26.54		3,542						
	C-9	Tank Site 1	27.81	(CCWA) Polonio Pass Treatment Plant	0						
	C-10	Shandon T.O.	38.23	Santa Barbara County (CCWA)	3,034						
		Tank Site 2	58.63	Central Coast:	0						
34	C-11	Chorro Valley T.O.	69.31	San Luis Obispo County (CCWA)	460	3,494	0	0	0	0	
		Energy Dissipater	78.12								
		Lopez T.O.	85.86	SLOCFC & WCD	0						
35	C-12			CCWA Total:	3,494	3,494	0	0	0	0	
		Guadalupe T.O.	102.70	SBCFC & WCD	0						
		Santa Maria T.O.	107.43	SBCFC & WCD	0						
		So. Cal. Water T.O.	109.20	SBCFC & WCD	0						
38				SBCFC & WCD Total:	0	0	0	0	0	0	
		Tank Site 5	115.42								

Table 24. Southern Field Division Plant Data

(in acre-feet)

August 2010

Date	West Branch						East Branch								East Branch Extension		
	Oso Pumping Plant	Warne Powerplant			Castaic Powerplant		Alamo Powerplant			Pearblossom Pumping Plant	Mojave Siphon Powerplant			Devil Canyon Powerplant Generation	Green Spot	Crafton Hills	Cherry Valley
		Generation	Leakage	Gorman Crk. Improvement Channel	Generation 1/	Pumpback 1/	Generation	Bypass Through Plant	Tehachapi Afterbay Bypass		Generation	Leakage	Bypass Flume				
1	1,455	1,460	0	0	1,292	1,405	3,032	0	1,102	3,898	3,655	0	0	3,365	81	78	32
2	1,685	1,891	0	0	3,322	420	3,052	0	752	3,898	3,747	0	0	3,382	81	80	33
3	1,686	1,785	0	0	3,744	1,781	2,906	0	897	3,781	3,644	0	0	3,437	85	82	33
4	1,631	1,778	0	0	4,118	1,548	2,925	0	1,223	3,898	3,661	0	0	3,536	85	82	32
5	1,506	1,761	0	0	4,022	1,109	2,870	0	948	3,898	3,758	0	0	3,689	85	82	33
6	1,685	1,845	0	0	3,851	1,733	2,852	0	1,320	3,898	3,569	0	0	3,590	82	80	33
7	1,685	1,797	0	0	1,955	1,169	2,852	0	1,128	3,898	3,662	0	0	3,738	82	78	33
8	1,260	1,037	0	0	1,596	3,213	2,887	0	1,130	3,862	3,562	0	0	3,761	82	77	33
9	1,540	1,763	0	0	3,676	1,009	2,869	0	1,260	3,898	3,465	0	0	3,399	79	77	33
10	1,963	1,771	0	0	3,676	1,326	2,842	0	1,056	3,898	3,814	0	0	3,458	81	78	33
11	1,539	1,751	0	0	5,155	1,544	2,972	0	1,083	3,834	3,799	0	0	3,676	80	77	33
12	2,121	1,041	0	0	4,966	2,404	2,776	0	1,169	3,898	3,603	0	0	3,269	80	77	34
13	2,628	1,940	0	0	4,963	2,208	2,882	0	982	3,898	3,624	0	0	3,529	84	80	32
14	2,334	2,649	0	0	1,524	1,660	2,800	0	1,021	3,851	3,752	0	0	3,485	81	77	33
15	2,447	2,675	0	0	1,325	2,819	2,873	0	1,140	3,862	3,648	0	0	3,517	81	77	33
16	2,123	2,565	0	0	4,682	46	2,858	0	1,289	3,898	3,652	0	0	3,516	86	82	33
17	2,221	2,491	0	0	4,326	2,119	2,872	0	735	3,771	3,622	0	0	3,543	80	75	33
18	2,101	2,487	0	29	4,705	1,199	2,993	0	1,124	3,873	3,659	0	0	3,570	80	78	33
19	1,487	2,498	0	0	3,540	766	3,000	0	1,188	3,856	3,673	0	0	3,568	80	78	15
20	2,174	2,391	0	0	3,982	1,096	2,614	0	421	3,642	3,318	0	0	3,559	82	81	21
21	2,399	2,604	0	0	4,871	1,317	2,774	0	711	2,947	3,122	0	0	3,531	80	79	21
22	2,349	2,482	0	0	154	2,538	2,811	0	1,087	3,568	3,129	0	0	3,536	80	76	21
23	1,743	1,674	0	0	2,775	743	2,830	0	926	3,700	3,593	0	0	3,588	84	81	29
24	1,644	1,694	0	0	3,733	1,382	2,928	0	872	3,677	3,560	0	0	3,541	85	81	33
25	1,921	1,615	0	0	4,119	1,551	2,877	0	1,099	3,791	3,635	0	0	3,525	85	82	34
26	1,700	1,616	0	0	4,371	1,129	2,872	0	1,207	3,746	3,641	0	0	3,814	86	76	33
27	1,671	1,083	0	0	5,678	1,341	2,852	0	1,165	3,897	3,635	0	0	3,840	98	82	33
28	2,090	1,661	0	0	54	1,950	2,815	0	967	3,714	3,592	0	0	3,684	97	79	34
29	1,822	1,676	0	0	15	1,841	2,805	0	1,273	3,897	3,727	0	0	3,674	97	78	35
30	2,060	1,584	0	0	300	790	2,847	0	1,149	3,898	3,653	0	0	3,770	98	79	35
31	1,900	1,575	0	0	5,469	115	2,809	0	1,041	3,898	3,761	0	0	3,740	102	81	35
Total	58,570	58,640	0	29	101,959	45,271	88,947	0	32,465	117,943	111,935	0	0	110,830	2,629	2,450	971

1/ Values supplied by LADWP, not verified by DWR.

Table 25. Pyramid Lake
Daily Operation

Capacity: 171,200 ac-ft

(in acre-feet except as noted)

August 2010

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow				Computed Losses (-) And Gains (+)		
				Project		Natural	Project		To Piru Creek				
				Castaic Powerplant Pumpback 1/	Warne Power-plant	Gorman Creek Improv. Channel	Stream Flow	Castaic Powerplant Generation 1/	Recrea-tion Deliveries	Natural	Del. To United W.A.		
Jul 31	2575.76	167,025											
1	2576.92	168,511	1,486	1,405	1,460	0	4	1,292	0	8	0	-83	
2	2576.08	167,434	-1,077	420	1,891	0	4	3,322	0	6	0	-64	
3	2575.93	167,242	-192	1,781	1,785	0	4	3,744	0	6	0	-12	
4	2575.29	166,426	-816	1,548	1,778	0	5	4,118	0	6	0	-23	
5	2574.20	165,042	-1,384	1,109	1,761	0	5	4,022	0	6	0	-231	
6	2573.84	164,586	-456	1,733	1,845	0	5	3,851	1	6	0	-181	
7	2574.64	165,599	1,013	1,169	1,797	0	5	1,955	0	6	0	3	
8	2576.67	168,190	2,591	3,213	1,037	0	5	1,596	0	6	0	-62	
9	2575.90	167,204	-986	1,009	1,763	0	6	3,676	0	6	0	-82	
10	2575.40	166,566	-638	1,326	1,771	0	5	3,676	0	6	0	-58	
11	2573.87	164,624	-1,942	1,544	1,751	0	6	5,155	0	6	0	-82	
12	2572.66	163,099	-1,525	2,404	1,041	0	6	4,966	0	6	0	-4	
13	2571.98	162,246	-853	2,208	1,940	0	6	4,963	1	6	0	-37	
14	2574.07	164,877	2,631	1,660	2,649	0	6	1,524	0	6	0	-154	
15	2577.22	168,896	4,019	2,819	2,675	0	5	1,325	0	6	0	-149	
16	2575.54	166,745	-2,151	46	2,565	0	5	4,682	0	6	0	-79	
17	2575.51	166,706	-39	2,119	2,491	0	5	4,326	0	6	0	-322	
18	2574.59	165,536	-1,170	1,199	2,487	29	5	4,705	0	6	0	-179	
19	2574.31	165,181	-355	766	2,498	0	6	3,540	0	6	0	-79	
20	2573.84	164,586	-595	1,096	2,391	0	6	3,982	1	6	0	-99	
21	2573.00	163,526	-1,060	1,317	2,604	0	6	4,871	0	6	0	-110	
22	2576.93	168,523	4,997	2,538	2,482	0	6	154	0	6	0	131	
23	2576.55	168,036	-487	743	1,674	0	6	2,775	0	6	0	-129	
24	2575.92	167,230	-806	1,382	1,694	0	6	3,733	0	6	0	-149	
25	2575.12	166,210	-1,020	1,551	1,615	0	6	4,119	0	6	0	-67	
26	2573.80	164,535	-1,675	1,129	1,616	0	6	4,371	0	6	0	-49	
27	2571.01	161,034	-3,501	1,341	1,083	0	6	5,678	1	6	0	-246	
28	2574.05	164,852	3,818	1,950	1,661	0	6	54	0	6	0	261	
29	2576.62	168,126	3,274	1,841	1,676	0	6	15	0	6	0	-228	
30	2578.25	170,224	2,098	790	1,584	0	6	300	0	7	0	25	
31	2575.10	166,184	-4,040	115	1,575	0	7	5,469	0	7	0	-261	
Total				-841	45,271	58,640	29	171	101,959	4	190	0	-2,799

1/ Values supplied by LADWP, not verified by DWR.

Table 26. Elderberry Forebay

Daily Operation

(in acre-feet except as noted)

Capacity: 32,476 ac-ft

August 2010

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow		Outflow			Computed Losses (-) And Gains (+)	
				Castaic Powerplant Generation 1/	Natural	Castaic Powerplant Pumpback 1/	To Castaic Lake			
							Natural	Project 1/		
Jul 31	1509.41	18,958								
1	1508.96	18,786	-172	1,292	0	1,405	0	0	-59	
2	1516.36	21,716	2,930	3,322	0	420	0	0	28	
3	1519.51	23,032	1,316	3,744	0	1,781	0	646	-1	
4	1514.90	21,120	-1,912	4,118	0	1,548	0	4,483	1	
5	1512.48	20,151	-969	4,022	0	1,109	0	3,881	-1	
6	1512.31	20,084	-67	3,851	0	1,733	0	2,186	1	
7	1513.99	20,752	668	1,955	0	1,169	0	0	-118	
8	1509.85	19,127	-1,625	1,596	0	3,213	0	0	-8	
9	1516.03	21,580	2,453	3,676	0	1,009	0	0	-214	
10	1520.20	23,326	1,746	3,676	0	1,326	0	754	150	
11	1517.86	22,338	-988	5,155	0	1,544	0	4,561	-38	
12	1514.33	20,889	-1,449	4,966	0	2,404	0	4,010	-1	
13	1516.48	21,765	876	4,963	0	2,208	0	1,878	-1	
14	1515.95	21,548	-217	1,524	0	1,660	0	0	-81	
15	1512.06	19,986	-1,562	1,325	0	2,819	0	0	-68	
16	1515.47	21,352	1,366	4,682	0	46	0	3,269	-1	
17	1512.75	20,258	-1,094	4,326	0	2,119	0	3,300	-1	
18	1518.24	22,497	2,239	4,705	0	1,199	0	1,298	31	
19	1517.51	22,192	-305	3,540	0	766	0	3,099	20	
20	1514.03	20,769	-1,423	3,982	0	1,096	0	4,285	-24	
21	1514.34	20,893	124	4,871	0	1,317	0	3,396	-34	
22	1508.12	18,468	-2,425	154	0	2,538	0	0	-41	
23	1512.80	20,278	1,810	2,775	0	743	0	0	-222	
24	1513.84	20,692	414	3,733	0	1,382	0	1,939	2	
25	1511.58	19,797	-895	4,119	0	1,551	0	3,477	14	
26	1511.74	19,860	63	4,371	0	1,129	0	3,195	16	
27	1518.17	22,467	2,607	5,678	0	1,341	0	1,708	-22	
28	1513.19	20,433	-2,034	54	0	1,950	0	0	-138	
29	1508.11	18,464	-1,969	15	0	1,841	0	0	-143	
30	1506.23	17,762	-702	300	0	790	0	0	-212	
31	1515.31	21,286	3,524	5,469	0	115	0	1,937	107	
Total				2,328	101,959	0	45,271	0	53,302	
									-1,058	

1/ Values supplied by LADWP, not verified by DWR.

Table 27. Castaic Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 323,699 ac-ft

August 2010

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow		Computed Losses (-) And Gains (+)	
				From Elderberry Forebay 1/		Natural	Deliveries	Released To Castaic Lagoon		
				Natural	Project					
Jul 31	1482.38	255,517								
1	1481.74	254,269	-1,248	0	0	0	1,272	0	24	
2	1481.04	252,908	-1,361	0	0	0	1,294	0	-67	
3	1480.73	252,307	-601	0	646	0	1,339	0	92	
4	1482.33	255,420	3,113	0	4,483	0	1,302	0	-68	
5	1483.73	258,160	2,740	0	3,881	0	1,316	0	175	
6	1484.14	258,966	806	0	2,186	0	1,284	0	-96	
7	1483.54	257,787	-1,179	0	0	0	1,297	0	118	
8	1482.98	256,690	-1,097	0	0	0	1,283	0	186	
9	1482.34	255,439	-1,251	0	0	0	1,296	0	45	
10	1482.05	254,873	-566	0	754	0	1,329	0	9	
11	1483.61	257,925	3,052	0	4,561	0	1,380	0	-129	
12	1484.89	260,443	2,518	0	4,010	0	1,490	0	-2	
13	1484.98	260,621	178	0	1,878	0	1,600	0	-100	
14	1484.18	259,045	-1,576	0	0	0	1,666	0	90	
15	1483.42	257,552	-1,493	0	0	0	1,733	0	240	
16	1484.06	258,809	1,257	0	3,269	0	1,648	0	-364	
17	1485.13	260,917	2,108	0	3,300	0	1,779	0	587	
18	1484.86	260,384	-533	0	1,298	0	1,868	8	45	
19	1485.49	261,628	1,244	0	3,099	0	1,919	10	74	
20	1486.65	263,928	2,300	0	4,285	0	1,894	10	-81	
21	1487.38	265,381	1,453	0	3,396	0	1,874	10	-59	
22	1486.54	263,710	-1,671	0	0	0	1,748	10	87	
23	1485.66	261,965	-1,745	0	0	0	1,722	10	-13	
24	1485.77	262,183	218	0	1,939	0	1,866	10	155	
25	1486.53	263,690	1,507	0	3,477	0	2,109	10	149	
26	1487.01	264,644	954	0	3,195	0	2,195	10	-36	
27	1486.82	264,266	-378	0	1,708	0	2,137	10	61	
28	1485.86	262,361	-1,905	0	0	0	1,986	10	91	
29	1484.98	260,621	-1,740	0	0	0	1,902	10	172	
30	1484.06	258,809	-1,812	0	0	0	1,962	3	153	
31	1484.09	258,868	59	0	1,937	0	1,999	0	121	
Total				3,351	0	53,302	0	51,489	121	1,659

1/ Values supplied by LADWP, not verified by DWR.

Table 28. Governor Edmund G. Brown California Aqueduct
 Southern Field Division, Monthly Deliveries (West Branch)

(In acre-feet)

August 2010

Reach No.	Operating Pool			Turnout	Total Diversions	Deliveries						
	Beginning and Ending		No.			Table A	Rec.	Pool A / Pool B	Local	Article 56C	Other	
	No.	Structure	Mile									
29A	42	Oso Pumping Plant	1.49		58,570							
29F	W2	Quail Lake	5.02	Antelope Valley-East Kern Water Agency	Re-moved	4	28	3/ 5,275	1,617	4/ 16,094	1,509	
		Quail Lake Embankment	7.82	Antelope Valley-East Kern Water Agency	Stub							
29G		Warne Power Plant	14.07	(29 AF of flow through Gorman Creek Imp. Channel)	58,640							
29H	W3	Pyramid Lake		USFS		25,449	3/ 263	1,509	3,126	16,094	1,617	
				Pyramid Recreation (T300)	4							
				United WA (T300)	0							
		Pyramid Dam	17.10	California State Park								
29J	W4	Castaic Power Plant	25.82	(45,271 AF pumpback) 2/	101,959	1,100	154	5,538	0	3,126	16,094	
		Elderberry Forebay										
		Forebay Dam	28.12									
		Castaic Lake		California State Park								
30 1/	W5	Castaic Dam	31.47	Castaic Lake Recreation (T301)	28	26,703	28	0	3,126	16,094	1,617	
		Castaic Lake Outlet		MWDSC 78" & 132" (T302)	46,818							
				Castaic Lake WA 18", 24" & 54" (T303)	1,880							
			31.6	Castaic Lake WA Rio Vista T.P. (T304)	2,609							
				MWD-Ventura Co. WPD (T302)	154							
				Releases to Lagoon	121							
				Reach 30 Subtotal:	51,489							
		Castaic Lagoon		California State Park Recreation to Lagoon (T353)	0							
		Castaic Lagoon Outlet	31.9		186							

1/ Reach 30 actually terminates at mile 31.50. It is shown here as including the outlet works at mile 31.55.

All deliveries from the outlet works and from the Lagoon are billed to Reach 30.

2/ Value Supplied by LADWP, not verified by DWR.

3/ Pool B.

4/ Includes 1,030 AF of Dry Purchase 3 and 15,064 AF of Dry Purchase 4.

Table 29. Silverwood Lake

Daily Operation

(in acre-feet except as noted)

Capacity: 74,970 ac-ft

August 2010

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow			Outflow					Computed Losses (-) And Gains (+)	Las Flores Ranch Exchange 1/	
				Mojave Siphon Power-plant	Mojave Bypass Flume	Natural Stream Flow	Project		Del. To Mojave W.A.	Natural To Mojave River				
Jul 31	3350.61	70,752												
1	3350.73	70,865	113	3,655	0	1	5	0	3,365	0	25	-148	35	
2	3351.04	71,159	294	3,747	0	0	4	1	3,382	0	25	-41	35	
3	3351.37	71,473	314	3,644	0	0	4	0	3,437	0	25	136	35	
4	3351.40	71,501	28	3,661	0	0	1	1	3,536	0	25	-70	35	
5	3351.40	71,501	0	3,758	0	0	7	0	3,689	0	25	-37	35	
6	3351.29	71,397	-104	3,569	0	0	6	0	3,590	0	25	-52	35	
7	3351.32	71,425	28	3,662	0	0	7	0	3,738	0	25	136	35	
8	3350.92	71,045	-380	3,562	0	0	6	1	3,761	0	25	-149	35	
9	3351.06	71,178	133	3,465	0	0	6	0	3,399	0	25	98	35	
10	3351.32	71,425	247	3,814	0	0	6	0	3,458	0	25	-78	35	
11	3351.29	71,397	-28	3,799	0	0	6	0	3,676	0	25	-120	35	
12	3351.82	71,901	504	3,603	0	0	4	1	3,269	0	26	201	35	
13	3351.82	71,901	0	3,624	0	0	6	0	3,529	0	26	-63	35	
14	3352.05	72,121	220	3,752	0	0	3	1	3,485	0	26	-17	35	
15	3352.05	72,121	0	3,648	0	0	5	0	3,517	0	26	-100	35	
16	3352.16	72,226	105	3,652	0	0	3	1	3,516	0	26	-1	35	
17	3352.27	72,331	105	3,622	0	0	5	0	3,543	0	26	57	35	
18	3352.30	72,360	29	3,659	0	0	3	0	3,570	0	26	-31	35	
19	3352.41	72,465	105	3,673	0	0	3	0	3,568	0	26	29	35	
20	3352.05	72,121	-344	3,318	0	0	3	1	3,559	0	26	-73	35	
21	3351.63	71,720	-401	3,122	0	0	2	0	3,531	0	26	36	35	
22	3351.12	71,235	-485	3,129	0	0	4	0	3,536	0	26	-48	35	
23	3351.06	71,178	-57	3,593	0	0	3	0	3,588	0	13	-46	35	
24	3351.06	71,178	0	3,560	0	0	5	1	3,541	0	1	-12	23	
25	3351.18	71,292	114	3,635	0	0	4	0	3,525	0	1	9	8	
26	3351.06	71,178	-114	3,641	0	0	6	0	3,814	0	1	66	0	
27	3350.73	70,865	-313	3,635	0	0	7	0	3,840	0	1	-100	0	
28	3350.67	70,809	-56	3,592	0	0	6	1	3,684	0	1	44	0	
29	3350.56	70,705	-104	3,727	0	0	5	0	3,674	0	1	-151	0	
30	3350.45	70,601	-104	3,653	0	0	4	0	3,770	0	1	18	0	
31	3350.39	70,544	-57	3,761	0	0	3	1	3,740	0	1	-73	0	
Total				-208	111,935	0	1	142	10	110,830	0	580	-582	829

1/ Project water delivered from Mojave Siphon in exchange for like amount of natural stream flow.

Table 30. Lake Perris

Daily Operation

(in acre-feet except as noted)

Capacity: 131,452 ac-ft

August 2010

Date	Water Surface Elevation (in feet)	Storage	Storage Change	Inflow 1/	Outflow 2/	Computed Losses (-) Gains (+) 1/
Jul 31	1556.46	62,635				
1	1556.46	62,635	0		64	
2	1556.40	62,531	-104		72	
3	1556.25	62,270	-261		35	
4	1556.29	62,340	70		64	
5	1556.32	62,392	52		65	
6	1556.29	62,340	-52		65	
7	1556.29	62,340	0		65	
8	1556.24	62,253	-87		65	
9	1556.17	62,127	-126		82	
10	1556.26	62,288	161		64	
11	1556.26	62,288	0		65	
12	1556.21	62,201	-87		65	
13	1556.21	62,201	0		65	
14	1556.15	62,097	-104		125	
15	1556.18	62,149	52		64	
16	1556.10	62,010	-139		82	
17	1556.18	62,149	139		64	
18	1556.18	62,149	0		65	
19	1556.15	62,097	-52		74	
20	1555.99	61,820	-277		65	
21	1555.99	61,820	0		74	
22	1555.96	61,768	-52		74	
23	1555.96	61,768	0		70	
24	1555.85	61,579	-189		74	
25	1555.88	61,630	51		74	
26	1555.91	61,682	52		75	
27	1555.91	61,682	0		75	
28	1555.82	61,527	-155		74	
29	1555.91	61,682	155		74	
30	1555.93	61,717	35		75	
31	1555.96	61,768	51		75	
Total			-867	3,293	2,189	-1,971

1/ Readings are not taken on a daily basis. End of month only.

2/ Includes deliveries to MWD from Reach 28J and recreation water to California State Park at Lake Perris.

Table 31. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch)

(In acre-feet)

August 2010

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries						
	Beginning and Ending				Table A	Rec.	Pool A / Pool B	Local	Article 56C	Other	
	No.	Structure	Mile								
17E	40	Edmonston Pumping Plant	293.45	191,772							
	41		298.65		KCWA Tej.-Cas	Stub					
17F		Check No. 41	303.41								
18A	42		304.99	AVEK WA-Temp for TEA construction (T389)	0						
	43	Alamo Powerplant	305.73	(Includes 88,947 AF generation, 0 AF plant bypass, and 32,465 AF Tehachapi Bypass)	121,412						
19			306.71	AVEK 305th Street West (T287)	0						
			308.05	AVEK 294th Street West (T267)	0						
		Check No. 43	309.70								
	44		311.84	LADWP Connection	0						
			313.50	AVEK 245th Street West (T269)	0						
		Check No. 44	314.81								
	45		314.93	AVEK 235th Street West (T270)	0						
			315.57	AVEK 225th Street West (T271)	0						
		Check No. 45	319.74								
	46		323.19	Antelope Valley-East Kern WA Fairmont (T272)	1,429	50	1/ 390		694	2/ 295	
20A				Mojave Water Agency Fairmont (T272)	209	209					
		Check No. 46	323.84								
				Reach 19 Total:	1,638	259	0	390	0	694	
	47	Check No. 47	326.77								
	48		326.91	Antelope Valley-East Kern WA Willow Springs (T273)	118				118		
			329.65	Antelope Valley-East Kern WA 120th Street West	Re-moved						
	49	Check No. 48	330.82								
	50	Check No. 49	335.93								
			336.73	Antelope Valley-East Kern WA Quartz Hill (T274)	5,919	5,919					
20B			339.68	Antelope Valley-East Kern WA Rancho Vista (T275)	74				74		
			340.92	AVEK WA-Temp (T387)	0						
	51		342.06	AVEK WA-Temp (T386)	0						
		Check No. 51	342.07								
	52		342.95	Antelope Valley-East Kern WA 30th Street West (T414)	0						
		Check No. 52	343.74								
	53		346.98	Palmdale WD (T276) Temp.	1,835	1,450	1/ 59		326		
			348.14	Antelope Valley-East Kern WA Acton Treatment Plant (T277)	170	30			140		
21		Check No. 53	348.17								
			349.52	Palmdale WD (T394)	0						
	54	Check No. 54	350.25								
	55	Check No. 55	352.70								
	56	Check No. 56	354.76								
	57		354.97	AVEK WA-Delivered through Little Rock Creek ID (T278)	0						
			354.97	Palmdale WD (T276)	0						
			354.97	Palmdale WD (T391)	0						
22A		Check No. 57	356.93								
	58		357.60	AVEK 95th Street East (T279)	120	50			70		
			357.72	AVEK 96th Street East (T280)	107				107		
			359.76	AVEK East Side Treatment Plant (T281)	384				384		

1/ Pool B.

2/ 2010 Water Transfer.

Table 31. Governor Edmund G. Brown California Aqueduct

Southern Field Division, Monthly Deliveries (East Branch, Continued)

(In acre-feet)

August 2010

Reach No.	Operating Pool		Turnout	Total Diversions	Deliveries						
	Beginning and Ending				Table A	Rec.	Pool A / Pool B	Local	Article 56C	Other	
	No.	Structure	Mile								
22B	58	Pearblossom Pumping Plant	360.61	117,943	1,097	4,603	10	81	1/ 829		
	59	Check No. 59	366.09								
	60		366.50	AVEK Big Rock Siphon (T368)							
		Check No. 60	373.94								
	61	Check No. 61	379.00								
	62	Check No. 62	384.26								
	63	Check No. 63	389.20	Mojave Water Agency White Road 24" & 42" (T282)							
	64	Check No. 64	395.10								
	65	Check No. 65	400.32								
	66		401.10	Mojave Water Agency Morongo 24" & 42" (T284)							
23		Check No. 66	403.41								
		Mojave Siphon	405.58	Las Flores Ranch Exchange							
24		Mojave Siphon Powerplant	405.65								
	67	Silverwood Lake	407.65	MWA CS DAM (T288)	0	61	81	2/ 10,320	6/ 72	7/ 31,743	
				California State Park Silverwood (T288)	10						
			407.70	Creastline-Lake Arrowhead WA State Project Water (T289)	61						
				Non-Project Water (T289)	81						
					110,830						
25		San Bernardino Intake Tunnel									
26A		Devil Canyon Powerplant	412.73								
	68	Devil Canyon Afterbay Control Structures	412.88	MWD-Rialto (T292)	0	3,343	4/ 6	5/ 2,423	6/ 72	7/ 31,743	
				MWD-Rialto (T293)	10,320						
				Desert Water Agency Transfer (T293)	3,343						
				Coachella Valley WD Transfer (T293)	8,299						
				MWD EBX-1 (T290)	0						
				MWD EBX-1 (T291)	0						
				East Branch Extension	10,563						
				MWD (T294)	46,942						
28G	69	Santa Ana Valley Pipeline	425.46			15,199	8/ 8,859	2/ 2,632	8/ 8,859	2/ 2,632	
28H			433.06	MWD-SC Box Springs (T295)	8,859						
28J			440.05	MWD-SC Perris Bypass Pipeline (T296)	20,085						
28J	69	Lake Perris	442.00	MWD-SC (T297)	142	1,998	49	60,241	0	69,648	
			443.44	MWD-SC 54" & 78" (T299)	1,998						
				Calif. State Park Lake Perris Parks & Rec. (T298)	49						
				MWD Total:	135,164						

1/ Project water delivered from Mojave Siphon in exchange for like amount of natural stream flow.

2/ 2010 Water Transfer.

3/ Includes 3,233 to San Gabriel Valley MWD, 3,896 AF to San Bernardino Valley MWD, and 933 AF to San Gorgonio Pass WA.

4/ To San Gorgonio Pas WA.

5/ Pool A to San Bernardino Valley MWD.

6/ Dry Purchase 3 to San Bernardino Valley MWD.

7/ Includes 10,324 AF 2010 Water Tranfer, and 21,419 AF of MWD recovered water banked in San Luis.

8/ Includes 2,708 AF 2010 Water Tranfer, and 6,151 Af of MWD recovered water banked in San Luis.

Table 32. Water Quality At Selected SWP Locations

August 2010

Constituent	Units	Thermalito Afterbay At Outlet	North Bay Aqueduct Barker Slough Pumping Plant	Delta Mendota Canal At McCabe Rd.	California Aqueduct					
					Banks Pumping Plant	O'Neill Forebay Outlet (Check 13)	Kettleman City (Check 21)	Near Hwy 119 (Check 29)	Tehachapi Afterbay (Check 41)	Devil Canyon Headworks
Alkalinity	mg/l as CaCO ₃	38	76	53	54	59	57	58	58	70
Antimony	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	NR	NR
Arsenic	mg/l	<0.001	0.002	0.002	0.002	0.002	0.002	0.002	0.002	0.002
Beryllium	mg/l	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Boron	mg/l	<0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Bromide	mg/l	<0.01	0.04	0.13	0.14	0.15	0.13	0.12	0.14	0.17
Calcium	mg/l	9	14	13	13	15	14	15	15	19
Chloride	mg/l as C	1	13	43	48	48	43	41	42	54
Chromium	mg/l as C	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Copper	mg/l	<0.001	0	0	0	0	0	0	0	0
Fluoride	mg/l	NR	NR	NR	NR	NR	NR	NR	NR	NR
Hardness	mg/l	39.000	80.000	70.000	70.000	79.000	72.000	75.000	75.000	93.000
Iron	mg/l	<0.005	<0.005	<0.005	0	<0.005	<0.005	<0.005	0	<0.005
Lead	mg/l as CaCO ₃	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001	<0.001
Magnesium	mg/l	4.000	11.000	9.000	9.000	10.000	9.000	9.000	9.000	11.000
Manganese	mg/l	<0.005	0.014	<0.005	0.020	<0.005	<0.005	<0.005	<0.005	<0.005
Nitrate + Nitrite	mg/l	<0.01	0	0	0	0	0	0	0	0
Organic Carbon, Dissolved	mg/l	NR	4.100	2.400	2.500	2.900	2.500	NR	2.700	3.300
Organic Carbon, Total	mg/l as N	NR	4.70	2.60	2.60	2.90	2.70	2.90	3.00	3.40
Phosphate-Ortho	mg/l as P	<0.01	0.13	0.04	0.04	0.05	0.05	NR	0.05	0.05
Phosphorus-Total	mg/l	0.01	0.18	0.07	0.06	0.07	0.09	0.07	0.07	0.07
Selenium	mg/l	<0.001	<0.001	0.001	0.001	0.001	<0.001	0.001	0.001	0.001
Sodium	mg/l	4	18	31	33	36	32	32	32	43
Specific Conductance	µS/cm	83	217	282	279	326	295	287	289	372
Sulfate	mg/l	2	14	13	13	19	17	18	18	30
Total Dissolved Solids	mg/l	49	126	157	154	180	163	162	159	205
Turbidity	NTU	2	40	8	6	3	3	4	4	2
Zinc	mg/l	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	0	<0.005

mg/l milligrams per liter

µg/l micrograms per liter

µS/cm microSiemens per centimeter

NR - Not Reported

NTU - nephelometric turbidity units

Table 33. Water Quality At Selected Delta Stations

August 2010

Date	Antioch Tides (feet above mean sea level)		Flow In CFS				Electrical Conductivity in millisiemens/cm								Cl in mg/l	
			Net Delta Outflow Index		Rio Vista	Antioch	Chipps Island	Emmaton		Jersey Point		Clifton Court	Cache Slough	Delta Mendota Canal		
	Highest High Tide	Actual High Half Tide	Mean Daily	Monthly Average				md	md	md	14dm	md	14dm	md	md	
38	1	5.84	4.14	7,322	7,322	14,785	1.01	4.00	0.17	0.29	0.41	0.44	0.24	0.43	0.24	32
	2	6.02	4.22	5,345	6,334	14,817	1.02	4.36	0.17	0.28	0.43	0.44	0.24	0.47	0.23	37
	3	6.15	4.33	5,388	6,019	14,738	1.02	4.41	0.19	0.27	0.45	0.44	0.24	0.54	0.27	39
	4	6.48	4.43	5,292	5,837	14,770	1.18	5.30	0.22	0.27	0.48	0.44	0.23	0.53	0.28	41
	5	6.69	4.57	4,647	5,599	14,285	1.32	6.01	0.28	0.26	0.50	0.45	0.23	0.48	0.28	46
	6	6.80	4.64	4,484	5,413	14,140	1.49	6.18	0.35	0.26	0.53	0.45	0.23	0.46	0.30	51
	7	6.85	4.62	4,624	5,300	14,319	1.64	6.68	0.39	0.26	0.56	0.46	0.23	0.47	0.31	53
	8	6.87	4.52	4,629	5,217	14,301	1.70	6.55	0.43	0.27	0.55	0.46	0.23	0.43	0.31	60
	9	6.74	4.40	4,536	5,141	14,060	1.64	6.57	0.42	0.27	0.54	0.47	0.24	0.42	0.33	58
	10	6.60	4.46	4,343	5,061	13,906	1.70	6.77	0.40	0.27	0.55	0.47	0.24	0.40	0.35	54
	11	6.42	4.30	3,890	4,955	13,607	1.79	7.04	0.39	0.28	0.56	0.48	0.25	0.40	0.37	52
	12	5.92	4.16	3,264	4,814	13,103	1.63	6.16	0.34	0.29	0.56	0.49	0.26	0.45	0.38	51
	13	6.07	4.27	3,850	4,740	13,273	1.80	6.53	0.33	0.30	0.59	0.51	0.27	0.45	0.38	53
	14	6.18	4.27	4,377	4,714	13,093	1.87	6.65	0.40	0.32	0.62	0.52	0.28	0.48	0.39	48
	15	6.08	4.13	4,518	4,701	13,053	1.78	6.37	0.34	0.33	0.62	0.54	0.28	0.50	0.41	49
	16	6.15	4.07	3,583	4,631	13,195	1.73	6.29	0.36	0.34	0.62	0.55	0.29	0.52	0.41	54
	17	6.33	4.28	3,434	4,560	13,160	2.01	7.14	0.43	0.36	0.72	0.57	0.29	0.51	0.40	53
	18	6.30	4.33	3,200	4,485	12,840	2.02	7.18	0.43	0.38	0.75	0.59	0.29	0.50	0.40	54
	19	6.30	4.28	3,724	4,445	13,103	2.05	7.02	0.46	0.39	0.77	0.61	0.30	0.48	0.41	57
	20	6.24	4.37	4,281	4,437	13,211	2.33	7.94	0.51	0.40	0.80	0.63	0.31	0.44	0.41	57
	21	6.32	4.31	4,269	4,429	13,225	2.45	8.28	0.58	0.41	0.81	0.65	0.31	0.42	0.41	60
	22	6.13	4.02	3,748	4,398	12,993	2.20	7.03	0.49	0.42	0.78	0.66	0.31	0.40	0.42	60
	23	5.75	3.85	3,518	4,359	12,903	2.05	6.48	0.38	0.41	0.76	0.68	0.31	0.41	0.42	55
	24	5.69	3.87	3,073	4,306	12,434	2.20	7.22	0.43	0.42	0.80	0.70	0.32	0.38	0.41	59
	25	5.70	4.09	3,127	4,259	12,173	2.62	8.39	0.51	0.43	0.86	0.72	0.32	0.36	0.40	63
	26	5.80	4.30	2,919	4,207	11,796	3.08	9.69	0.68	0.45	0.99	0.75	0.33	0.34	0.37	63
	27	5.67	4.22	2,815	4,156	11,640	3.03	9.48	0.52	0.46	0.98	0.78	0.35	0.39	0.37	62
	28	5.87	4.32	3,551	4,134	11,740	3.44	10.38	0.69	0.48	1.08	0.81	0.36	0.40	0.38	71
	29	5.80	4.14	3,032	4,096	11,318	3.21	9.19	0.49	0.50	1.01	0.84	0.35	0.40	0.39	72
	30	5.85	4.06	3,654	4,081	11,590	3.10	9.24	0.52	0.51	1.03	0.87	0.36	0.41	0.38	66
	31	5.85	4.00	2,498	4,030	11,204	3.19	8.68	0.55	0.52	1.09	0.89	0.37	0.44	0.38	70

Clifton Court Cl(mg/l)=200X EC - 25

e = Estimated

N.R. = No Record.

N.C. = Not computed due to insufficient data.

f = Excess Delta conditions with fish concerns.

r = Excess delta conditions with export/inflow ratio concerns.

s = Balanced water conditions with storage withdrawals.

dm = Daily Mean

md = Mean Daily

Table 34. Pesticides, Herbicides, and Other Organic Substances Detected In the SWP

August 2010

Sampling Location	Sample Date 1/	Chemical Detected	Concentration µg/l 2/
North Bay Aqueduct At Barker Slough Pumping Plant	June 16, 2010	Diuron Metolachlor	0.32 0.40
California Aqueduct At Banks Pumping Plant	June 16, 2010	Metolachlor	0.10
O'Niell Forebay Outlet Check 13	June 15, 2010	Simazine	0.02
Delta Mendota Canal At McCabe Road	June 15, 2010	Methoxychlor	0.06
California Aqueduct Near Kettleman City (Check 21)	June 15, 2010	Metolachlor Simazine	0.10 0.02
California Aqueduct At Near Highway 119 (Check 29)	June 21, 2010	Simazine	0.02
California Aqueduct at Tehachapi Afterbay (Check 41)	June 16, 2010	Metolachlor Simazine	0.10 0.02
California Aqueduct At Devil Canyon Headworks	June 16, 2010	Simazine	0.02

1/ Locations are normally sampled during March, June, and September. Monthly reports will include data for the month in which samples were most recently taken.

2/ Micrograms per liter.

Table 35. Oroville and Delta Field Divisions Energy Data

Date	Oroville Thermalito Complex		Barker Slough Pumping Plant	Cordelia Pumping Plant Load	Banks Pumping Plant		South Bay Pumping Plant Load	Del Valle Pumping Plant Load	August 2010
	Generation	Load			Total Load	SWP Load			
1	10,764,105	0	39,977	44,612	3,994,240	3,994,240	418,342	539	
2	10,761,509	0	39,141	43,592	3,902,744	3,902,744	419,796	494	
3	10,783,212	0	40,067	41,195	3,802,512	3,802,512	436,885	500	
4	8,341,421	0	45,988	47,362	3,781,360	3,781,360	425,592	470	
5	10,685,422	0	44,629	47,381	3,887,320	3,887,320	403,614	515	
6	10,693,815	0	43,945	47,391	3,832,616	3,832,616	412,168	557	
7	10,756,262	0	42,912	45,658	3,814,768	3,814,768	423,981	533	
8	10,721,755	0	33,872	37,689	4,092,408	4,092,408	404,708	537	
9	10,720,160	0	32,068	37,490	3,921,256	3,921,256	409,949	534	
10	8,476,699	0	39,202	42,015	3,959,712	3,959,712	440,354	544	
11	9,310,576	2,563	42,264	47,531	3,983,544	3,983,544	406,711	555	
12	9,332,499	0	40,449	40,555	3,666,344	3,666,344	430,960	560	
13	9,135,368	0	42,399	47,130	3,571,784	3,571,784	441,160	509	
14	9,179,038	0	38,837	40,053	3,798,112	3,798,112	423,548	526	
15	8,944,804	0	43,880	47,198	3,930,984	3,930,984	419,344	550	
16	9,692,397	0	39,988	43,787	3,883,280	3,883,280	424,902	571	
17	9,714,232	0	42,002	45,117	3,516,040	3,516,040	429,849	550	
18	10,619,609	0	45,514	50,309	3,712,680	3,712,680	411,516	527	
19	8,833,814	66	36,315	40,591	3,556,160	3,556,160	422,832	556	
20	10,677,887	0	41,271	46,226	3,753,368	3,124,368	435,243	529	
21	10,348,866	121	44,083	47,374	3,488,016	2,859,016	407,369	515	
22	10,753,435	0	41,054	41,353	3,936,632	3,307,632	412,340	586	
23	10,753,358	0	48,447	50,652	3,901,344	3,272,344	421,545	442	
24	10,780,935	0	45,404	47,385	3,853,448	3,626,448	423,835	429	
25	10,765,513	0	53,188	49,288	3,472,712	3,245,712	422,715	438	
26	10,734,306	0	52,735	52,338	3,412,416	3,185,416	443,607	451	
27	10,033,727	726	44,222	45,963	3,467,272	3,240,272	436,409	445	
28	9,420,752	3,223	41,630	42,549	3,281,344	3,054,344	421,266	574	
29	9,808,095	3,212	42,668	46,673	3,382,920	3,155,920	402,078	581	
30	10,019,383	0	43,948	48,985	3,174,528	2,947,528	412,414	566	
31	9,764,634	0	42,169	47,281	3,573,056	3,346,056	423,432	540	
Total	311,327,588	9,911	1,314,267	1,402,721	115,304,920	110,972,920	13,068,459	16,223	

Table 36. San Luis Field Division Energy Data

(in kWh)

August 2010

Date	Dos Amigos Pumping Plant		Gianelli Pumping-Generating Plant			
	Total Load	SWP Load 1/	Total Generation	SWP Generation 1/	Total Load	SWP Load 1/
1	2,244,127	1,236,129	1,203,686	-28,314	1,448,854	1,448,854
2	2,243,986	1,243,989	1,525,645	-42,355	1,469,248	1,469,248
3	2,475,641	1,475,640	925,595	1,595	2,040,918	2,040,918
4	2,472,865	1,472,867	898,810	310,810	12,177	12,177
5	2,692,154	1,692,157	582,351	15,351	15,983	15,983
6	2,608,880	1,608,881	1,589,060	131,060	7,359	7,359
7	2,411,316	1,411,316	1,162,843	1,843	9,746	9,746
8	2,226,620	1,218,617	0	0	19,294	19,294
9	2,368,753	1,368,751	1,202,080	-12,920	9,229	9,229
10	2,478,114	1,478,111	527,120	-12,880	14,982	6,982
11	2,571,561	1,571,563	422,301	-9,699	13,200	-2,800
12	2,493,472	1,493,470	936,749	749	10,142	2,142
13	2,296,949	1,840,947	0	0	20,229	20,229
14	2,488,028	2,032,028	401,291	89,291	12,408	12,408
15	2,298,056	1,842,051	725,417	725,417	12,298	12,298
16	2,333,642	1,877,640	722,117	254,117	14,322	-9,678
17	2,277,110	1,821,110	719,004	251,004	14,289	14,289
18	2,594,603	2,138,611	421,531	421,531	13,321	5,321
19	2,469,128	2,013,126	477,026	477,026	12,518	-11,482
20	2,396,218	1,940,224	709,104	241,104	12,551	4,551
21	2,346,116	1,890,115	706,530	238,530	11,979	11,979
22	2,271,964	1,815,966	936,848	936,848	12,166	12,166
23	2,208,789	1,752,788	685,993	217,993	12,518	12,518
24	2,394,338	1,836,336	679,734	211,734	13,123	13,123
25	2,353,552	1,795,555	404,349	404,349	14,289	-17,711
26	2,488,250	2,386,251	620,323	620,323	13,618	13,618
27	2,493,121	2,391,118	813,890	813,890	13,112	5,112
28	2,252,556	2,150,557	1,114,025	1,114,025	10,560	10,560
29	2,259,360	2,157,362	596,673	596,673	12,804	12,804
30	2,211,656	2,109,657	785,554	785,554	13,090	13,090
31	2,360,362	2,258,362	873,972	873,972	12,430	-11,570
Total	74,081,288	55,321,295	23,369,621	9,628,621	5,322,757	5,162,757

1/ Negative values may appear in SWP columns and indicate a mismatch of scheduled CVP energy and actual pumping; adjustments to SWP water shares are made to balance the mismatch.

Table 37. San Joaquin Field Division Plant Energy Load Data

(in kWh)

August 2010

Date	Coastal Branch					California Aqueduct			
	Las Perillas	Badger Hill	Devil's Den	Bluestone	Polonio	Buena Vista	Teerink	Chrisman	Edmonston
1	49,565	121,076	90,277	83,766	89,857	1,666,591	1,704,427	3,754,641	13,921,794
2	53,025	131,262	81,353	76,978	81,820	1,611,754	1,603,688	3,517,239	12,861,963
3	58,582	143,701	70,611	64,869	69,709	1,664,915	1,646,181	3,570,424	12,964,968
4	53,206	128,760	91,510	85,478	90,592	1,739,813	1,743,376	3,771,427	13,712,436
5	40,487	96,721	77,036	73,003	77,087	1,638,274	1,665,846	3,615,293	13,015,431
6	54,007	131,497	79,325	72,874	78,140	1,743,642	1,664,919	3,636,919	13,117,221
7	61,458	149,585	82,031	76,998	81,135	1,680,748	1,649,095	3,609,100	13,140,630
8	50,614	121,890	73,067	67,897	72,949	1,505,003	1,571,589	3,514,247	12,698,235
9	51,826	123,599	85,264	79,346	84,396	1,664,719	1,677,602	3,671,712	13,436,334
10	53,643	126,049	75,305	70,569	75,202	1,704,528	1,714,387	3,745,742	13,730,931
11	57,455	137,346	76,803	72,734	78,032	1,815,797	1,769,803	3,856,952	13,732,281
12	43,912	107,196	83,225	77,591	82,772	1,765,033	1,804,988	3,941,938	14,300,766
13	55,206	132,952	80,337	75,646	79,002	1,814,857	1,866,510	4,101,152	14,951,763
14	63,016	153,414	77,809	71,750	78,079	1,875,456	1,859,315	4,092,913	14,961,213
15	55,788	133,225	82,879	77,835	82,790	1,817,089	1,819,134	4,061,541	14,825,322
16	44,570	105,536	83,374	78,409	82,169	1,822,450	1,890,884	4,177,998	15,163,848
17	40,336	97,066	77,725	72,397	77,504	1,831,943	1,831,833	3,992,813	14,472,162
18	49,582	120,451	83,342	77,629	84,140	1,749,269	1,784,050	3,900,941	14,232,618
19	50,331	120,700	79,709	74,079	79,604	1,667,516	1,610,735	3,542,253	12,828,429
20	47,200	115,015	81,770	76,464	81,452	1,686,956	1,632,375	3,563,868	13,027,095
21	46,660	111,845	76,081	71,390	75,776	1,710,232	1,692,621	3,761,043	13,370,535
22	38,861	92,741	82,140	75,963	81,090	1,697,278	1,774,705	3,956,667	14,545,197
23	40,049	93,703	81,926	76,330	81,294	1,594,773	1,595,914	3,500,145	12,827,457
24	47,520	112,430	76,696	71,566	77,334	1,695,829	1,675,447	3,670,128	13,372,803
25	49,503	122,433	80,991	75,752	79,986	1,687,124	1,681,436	3,683,823	13,410,036
26	54,042	130,934	82,409	77,215	82,864	1,726,344	1,738,490	3,841,354	13,795,029
27	53,176	125,362	79,477	74,315	78,125	1,741,910	1,733,486	3,827,890	13,926,384
28	47,130	108,025	68,119	64,536	68,729	1,723,613	1,721,306	3,845,512	13,972,095
29	51,728	122,811	81,093	75,623	81,064	1,644,070	1,728,659	3,841,497	14,229,999
30	26,178	63,740	47,430	43,159	46,293	1,683,014	1,759,486	3,895,177	14,235,102
31	49,304	118,144	90,721	86,007	90,919	1,731,152	1,707,615	3,756,313	13,751,019
Total	1,537,959	3,699,208	2,459,833	2,298,167	2,449,905	53,101,694	53,319,902	117,218,662	426,531,096

Table 38. Southern Field Division Energy Data

(in kWh)

August 2010

Date	West Branch			East Branch				East Branch Extension		
	Oso Pumping Plant Load	Warne Powerplant Generation	Castaic SWP Gen /1	Alamo Powerplant Generation	Pearblossom Pumping Plant Load	Devil Canyon Powerplant Generation	Mojave Siphon Powerplant Generation	Green spot Pumping Plant	Crafton Hills Pumping Plant	Cherry Valley Pumping Plant
1	399,733	862,834	1,296,000	341,333	2,609,323	4,071,197	283,901	48,018	64,389	4,435
2	447,619	1,093,190	1,560,000	347,857	2,609,103	4,069,231	286,796	50,489	66,606	4,449
3	447,775	1,027,482	1,560,000	325,168	2,536,511	4,145,170	276,685	51,727	67,384	4,430
4	433,558	1,026,016	1,560,000	321,959	2,614,240	4,247,104	276,470	51,545	67,328	4,435
5	398,805	1,016,958	1,632,000	315,734	2,609,470	4,438,019	283,355	51,578	67,277	4,416
6	445,706	1,063,819	1,632,000	309,867	2,608,190	4,316,785	270,919	50,056	65,665	4,403
7	446,412	1,038,682	1,632,000	309,789	2,608,015	4,472,935	280,944	49,492	64,321	4,376
8	333,394	639,379	1,632,000	309,517	2,585,234	4,505,159	274,876	49,404	64,278	4,339
9	411,258	1,015,737	1,512,000	309,304	2,607,150	4,113,454	270,914	48,423	63,273	4,356
10	519,368	1,020,986	1,512,000	309,395	2,608,443	4,173,566	285,791	48,495	65,283	4,365
11	411,134	1,011,158	1,512,000	321,801	2,567,037	4,404,884	281,982	47,830	64,458	4,787
12	564,446	641,828	1,512,000	305,278	2,607,069	3,936,762	273,676	47,992	64,412	4,668
13	696,196	1,115,529	1,512,000	304,233	2,609,990	4,239,806	270,967	50,829	66,565	4,413
14	616,545	1,483,804	1,512,000	307,973	2,578,029	4,193,964	274,723	49,137	62,993	4,406
15	647,777	1,491,985	2,448,000	308,494	2,583,575	4,235,443	272,311	49,113	63,015	4,436
16	567,286	1,449,843	2,448,000	308,189	2,607,622	4,218,563	268,990	52,438	67,395	4,502
17	590,144	1,421,045	2,448,000	316,594	2,527,557	4,258,274	271,307	49,323	62,626	1,979
18	556,700	1,418,078	2,448,000	323,347	2,593,421	4,294,552	270,192	49,733	64,734	594
19	395,306	1,415,726	2,448,000	320,362	2,581,345	4,294,793	267,253	48,393	64,656	1,847
20	582,756	1,339,246	2,448,000	283,056	2,439,968	4,284,868	245,691	49,951	66,600	2,490
21	633,490	1,448,804	2,448,000	305,414	1,989,408	4,246,092	234,618	48,376	65,150	2,480
22	623,085	1,403,538	2,448,000	305,162	2,394,824	4,237,340	233,915	48,205	64,565	2,490
23	463,044	970,161	1,512,000	311,211	2,482,181	4,298,666	268,469	50,859	66,607	3,548
24	435,847	977,837	1,512,000	315,994	2,464,433	4,258,544	269,162	51,700	67,346	4,765
25	507,654	945,675	1,512,000	310,310	2,537,525	4,235,810	274,211	51,960	67,388	5,046
26	453,163	948,907	1,512,000	308,901	2,508,191	4,536,425	275,293	53,400	62,502	5,002
27	445,225	634,816	1,512,000	308,943	2,607,314	4,568,184	274,666	61,707	67,390	4,828
28	553,022	973,412	1,512,000	309,180	2,493,155	4,413,010	269,354	61,207	64,972	4,592
29	480,480	981,123	1,512,000	309,361	2,610,682	4,404,974	275,814	61,341	64,265	4,497
30	544,763	936,900	1,512,000	309,118	2,611,678	4,510,742	279,552	61,109	65,063	4,512
31	501,484	932,410	1,512,000	309,033	2,612,694	4,468,234	287,533	63,852	67,091	4,238
Total	15,553,173	33,746,909	54,768,000	9,701,874	79,003,376	133,092,551	8,430,331	1,607,682	2,025,599	124,125

1/ Energy delivered to SWP by LADWP at Sylmar substation; not necessarily related to actual Castaic operations.